

VIKING

Security and Communication



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www.VikingElectronics.com



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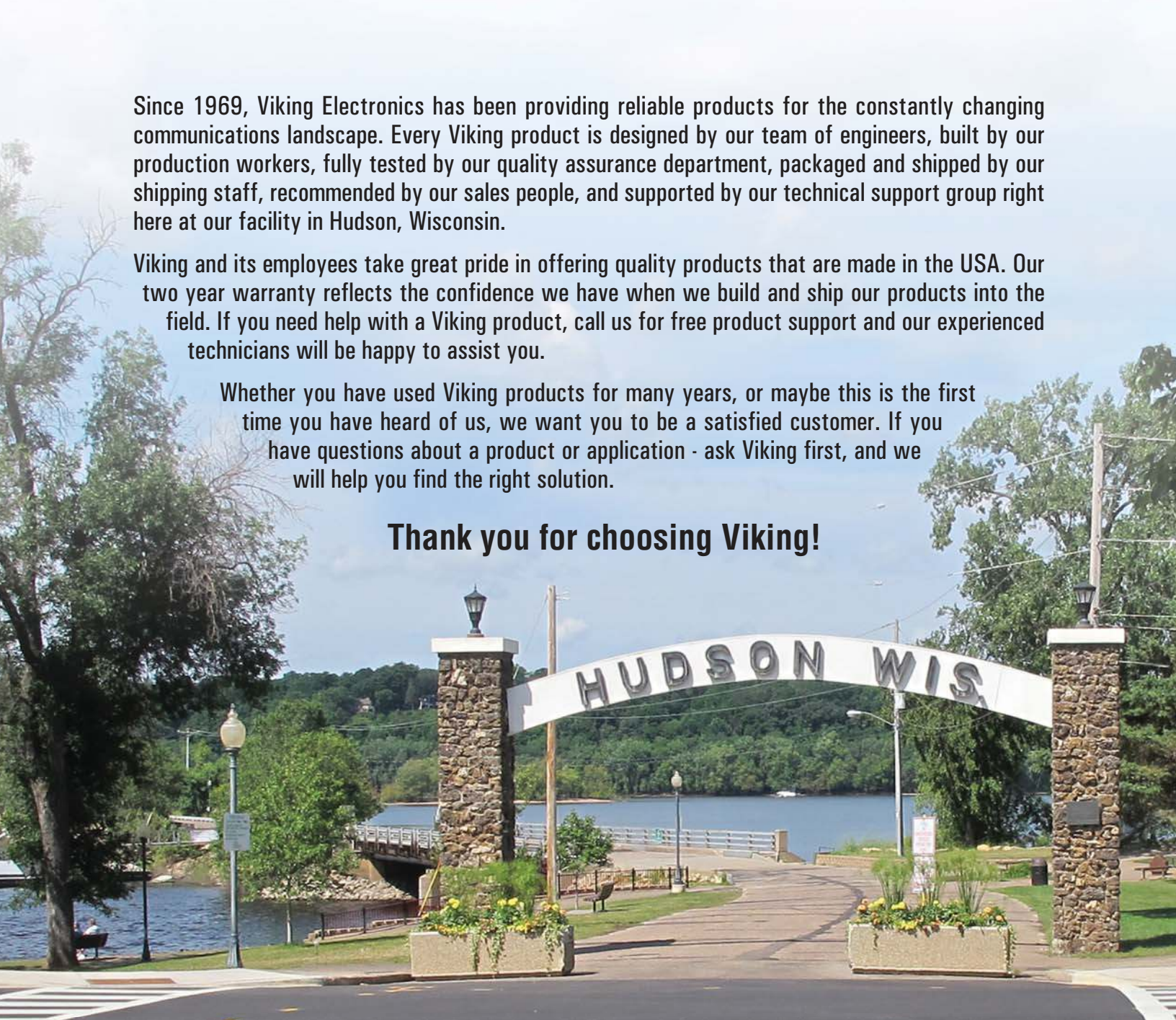
Viking products are designed, manufactured, and supported in the USA!

Since 1969, Viking Electronics has been providing reliable products for the constantly changing communications landscape. Every Viking product is designed by our team of engineers, built by our production workers, fully tested by our quality assurance department, packaged and shipped by our shipping staff, recommended by our sales people, and supported by our technical support group right here at our facility in Hudson, Wisconsin.

Viking and its employees take great pride in offering quality products that are made in the USA. Our two year warranty reflects the confidence we have when we build and ship our products into the field. If you need help with a Viking product, call us for free product support and our experienced technicians will be happy to assist you.

Whether you have used Viking products for many years, or maybe this is the first time you have heard of us, we want you to be a satisfied customer. If you have questions about a product or application - ask Viking first, and we will help you find the right solution.

Thank you for choosing Viking!



How to Contact Us:

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Two Year Limited Warranty

We know you buy Viking products because they do the job and because we support you with the best-in-industry U.S. based technical support. Here's another reason to choose Viking products: a Two Year Limited Warranty.

Use our longer warranty as a selling point when you're quoting Viking products. Or consider the value of a longer warranty when you're evaluating proposals from other suppliers. For a copy of the Viking Two Year Limited Warranty, go to www.vikingelectronics.com and enter 101 in the Document On Demand (DOD) search box.

Free American Product Support

When you call Viking for product support, you'll be talking to a professional located right here in our Hudson, Wisconsin plant - not half way around the world. Our product support is available to installers who are on-site servicing or installing a Viking product.

Call: 715-386-8666

Monday to Friday: 8:00am - 5:00pm Central Time

E-mail: ProductSupport@VikingElectronics.com

What is "Document On Demand"?

Viking's online "Document On Demand" (DOD) makes it quick and easy for you to get the information you need. Simply enter a DOD number in the box at the top of Viking's homepage for a direct link to a PDF. All Viking catalogs and literature have DOD numbers for each product. We also assign DOD numbers for important information such as Application Notes, Warranty, etc.

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TABLE of CONTENTS

EMERGENCY PHONES

6-11

| | |
|--|------|
| Analog and VoIP ADA Compliant Emergency Phones | 6-9 |
| Vandal Resistant Speaker Phones | 7-10 |
| Red / Yellow / Blue Surface Mount Phones | 7 |
| Tower Phones with Strobe Light | 7 |
| Vandal Resistant Phone | 7 |
| Double Gang Mount Phone | 8 |
| Panel Phones | 8-9 |
| Emergency Phone Kit | 9 |
| No-Chassis Phones | 9 |
| Analog to VoIP Conversion Kit | 9 |
| Elevator Phone Box Emergency Phones | 9-10 |
| Line Sharing | 10 |
| Line Seizure Relay | 10 |
| Line Verification Panel with Key Switch | 10 |
| Silent Panic Button Kit | 10 |
| Area of Refuge Accessories | 11 |
| Line Concentrators | 11 |
| Voice Module | 11 |

TELEPHONES

12-14

| | |
|---|----|
| Analog Stainless Steel Panel Phones with Handsets | 12 |
| VoIP Stainless Steel Panel Phones with Handsets | 13 |
| Hot-Line and Courtesy Phones | 14 |
| Single Number Dialer Phones | 14 |
| Manual (No-Dial) Phones | 14 |
| Electronic Ringer | 14 |
| Custom Color Phones | 14 |

DIALERS

15

| | |
|---|----|
| Touch Tone and Pulse Dialer | 15 |
| 100 Number Speed Dialer | 15 |
| Smart Touch Tone Dialer | 15 |
| Alarm Dialers | 15 |
| Automated Voice Message Delivery System | 15 |

PAGING PRODUCTS

16-21

| | |
|--|----|
| IP Paging | 16 |
| Paging Amplifiers | 17 |
| Self Amplified Paging System | 18 |
| Anti-Feedback Paging Interface | 19 |
| Talk-Back Amplifier | 19 |
| Night Bell | 19 |
| Telecom Paging Interface | 19 |
| Page Port / Trunk Input / FXO / FXS Paging Interface | 19 |
| Audio Isolation Board | 19 |
| Loud Call Announce / Ringing Amplifier | 20 |
| Zone Paging | 20 |
| SIP and Analog Ringers | 20 |
| Paging Speakers, Horns, and Accessories | 20 |
| Clock Controlled Tone Generator | 21 |
| Mass Notification Announcer | 21 |
| Single Line Paging Controllers | 21 |

CLOCK SYSTEMS

22

| | |
|--|----|
| Master Clock / Networked Clock Control Over Paging | 22 |
| Wireless Synchronized Clocks and Accessories | 22 |
| RF Transmitter | 22 |

PROBLEM SOLVERS

23-29

| | |
|--|----|
| Remote Access Devices | 23 |
| Service Observation Unit | 23 |
| Toll Restrictor | 24 |
| Recording Kit | 24 |
| Buttons and Switches | 24 |
| Call Attendant | 24 |
| Privacy Devices | 24 |
| Call Sequencer | 24 |
| Miscellaneous Gadgets | 24 |
| Loop and Ring Detectors | 25 |
| Panasonic® Doorphone Station Adapter | 25 |
| Loud Ringer | 25 |
| Tone Generator | 25 |
| Time Delay Relay | 25 |
| CPC Disconnect | 25 |
| Digital Voice Announcers | 26 |
| Automated Receptionist | 26 |
| Ringdown Circuits | 27 |
| Routing Switch | 27 |
| Ground to Loop Start Converter | 27 |
| Power Fail Bypass | 27 |
| Strobe Lights | 28 |
| Telephone Status Indicators | 28 |
| Ring Boosters | 29 |
| Talk Battery Booster | 29 |
| Long Loop Adapters | 29 |

ENCLOSURES

30-32

| | |
|---------------------------------------|-------|
| Surface Mount Boxes | 30-31 |
| Blank Panel Surface Mount Boxes | 30-31 |
| LED Lighting Kit | 31 |
| Mounting Accessories | 31 |
| Gooseneck Pedestals | 31 |
| Outdoor Enclosures | 32 |

ACCESS CONTROL

33-43

| | |
|---|----|
| Door Entry and CCTV Controller | 33 |
| Doorboxes | 33 |
| 12 Button Analog Apartment Entry Systems | 34 |
| 12 Button VoIP Apartment Entry Systems | 34 |
| Analog Entry Phones with Keypads | 35 |
| VoIP Entry Phones with Keypads | 35 |
| Analog Entry Phones with Keypads and Cameras | 35 |
| VoIP Entry Phones with Keypads and Cameras | 35 |
| Analog Entry Phones with Proximity Readers | 35 |
| VoIP Entry Phone Systems with Proximity Readers | 35 |
| Proximity Readers | 36 |
| Wiegand Keypads | 36 |
| Proximity Cards and Fobs | 36 |
| Proximity Entry Controller | 36 |
| Wireless Access Control System | 36 |
| Apartment / Office Door Entry Dialers / Controllers | 37 |
| “No Phone Line” Entry Controller | 37 |
| Directories | 37 |
| Accessible Entry System | 38 |
| Touch Tone Controlled Relays | 39 |
| Network Enabled Relay Controller | 39 |
| Entry Phone Interface / Controllers | 40 |
| Flush Mount Entry Phones | 41 |
| Surface Mount Entry Phones | 41 |
| Color Video Cameras | 41 |
| Single Gang Entry Phones | 42 |
| Double Gang Entry Phones | 43 |

PRODUCT INDEX by Model Number

| Model | DOD | Page |
|------------|-----|------|
| 25AE | 498 | 20 |
| 300AE | 497 | 20 |
| 30AE | 498 | 20 |
| 35AE | 498 | 20 |
| 40AE | 498 | 20 |
| 40-IP | 503 | 16 |
| 40TB-IP | 502 | 16 |
| ACA-1A | 005 | 24 |
| AES-2000F | 202 | 38 |
| AES-2000S | 202 | 38 |
| AES-2005F | 204 | 38 |
| AES-2005S | 204 | 38 |
| AIB-1 | 259 | 19 |
| AR-1 | 105 | 26 |
| ARS-DLB100 | 235 | 11 |
| ARS-DRB100 | 235 | 11 |
| ARS-IB100 | 235 | 11 |
| ARS-LR100 | 235 | 11 |
| ARS-TB100 | 235 | 11 |
| BLK-4 | 654 | 28 |
| BLK-4-EWP | 654 | 28 |
| BTR-3 | 502 | 16 |
| C-1000B | 168 | 33 |
| C-200 | 169 | 40 |
| C-2000B | 156 | 40 |
| C-250 | 172 | 40 |
| C-3000 | 162 | 37 |
| C-4000 | 164 | 37 |
| C-500 | 177 | 40 |
| CL-A12 | 466 | 22 |
| CL-A16 | 466 | 22 |
| CL-D2 | 466 | 22 |
| CL-D4 | 466 | 22 |
| CL-DMA12 | 466 | 22 |
| CL-DMA16 | 466 | 22 |
| CL-DMD2 | 466 | 22 |
| CL-DMD4 | 466 | 22 |
| CL-RFT | 466 | 22 |
| CL-SMD2 | 466 | 22 |
| CL-SMD4 | 466 | 22 |
| CL-WGA12 | 466 | 22 |
| CL-WGA16 | 466 | 22 |
| CL-WGD4 | 466 | 22 |
| CPC-1 | 442 | 25 |
| CPC-4 | 444 | 25 |
| CTG-1 | 460 | 21 |
| CTG-2A | 464 | 22 |
| D10 | 158 | 37 |
| D22 | 158 | 37 |
| D32 | 158 | 37 |
| D44 | 158 | 37 |
| D56 | 158 | 37 |
| D6 | 158 | 37 |
| DB40-BN | 189 | 24 |
| DB40-WH | 189 | 24 |
| DLE-200B | 605 | 27 |
| DLE-300 | 607 | 27 |

| Model | DOD | Page |
|------------------|-----|------|
| DNA-510 | 492 | 21 |
| DVA-1003B | 125 | 26 |
| DVA-2WA | 110 | 26 |
| DVA-3003 | 127 | 26 |
| DVA-500A | 115 | 26 |
| DVA-LPA | 128 | 26 |
| DVA-TNT | 129 | 26 |
| E-10A | 210 | 41 |
| E-10A-EWP | 210 | 41 |
| E-10-IP | 248 | 41 |
| E-10-IP-EWP | 248 | 41 |
| E-1600-02A | 215 | 8 |
| E-1600-02A-EWP | 215 | 8 |
| E-1600-02-IP | 255 | 8 |
| E-1600-02-IP-EWP | 255 | 8 |
| E-1600-03B | 215 | 7 |
| E-1600-03B-EWP | 215 | 7 |
| E-1600-03-IP | 255 | 7 |
| E-1600-03-IP-EWP | 255 | 7 |
| E-1600-20A | 215 | 8 |
| E-1600-20A-EWP | 215 | 8 |
| E-1600-20-IP | 255 | 8 |
| E-1600-20-IP-EWP | 255 | 8 |
| E-1600-22-IP | 255 | 8 |
| E-1600-22-IP-EWP | 255 | 8 |
| E-1600-30A | 215 | 8 |
| E-1600-30A-EWP | 215 | 8 |
| E-1600-30-IP | 255 | 8 |
| E-1600-30-IP-EWP | 255 | 8 |
| E-1600-32A | 215 | 8 |
| E-1600-32A-EWP | 215 | 8 |
| E-1600-32-IP | 255 | 8 |
| E-1600-32-IP-EWP | 255 | 8 |
| E-1600-40A | 215 | 7 |
| E-1600-40A-EWP | 215 | 7 |
| E-1600-40-IP | 255 | 7 |
| E-1600-40-IP-EWP | 255 | 7 |
| E-1600-45A | 215 | 7 |
| E-1600-45A-EWP | 215 | 7 |
| E-1600-45-IP | 255 | 7 |
| E-1600-45-IP-EWP | 255 | 7 |
| E-1600-50A | 215 | 9 |
| E-1600-50A-EWP | 215 | 9 |
| E-1600-50-IP | 255 | 9 |
| E-1600-50-IP-EWP | 255 | 9 |
| E-1600-52A | 215 | 9 |
| E-1600-52A-EWP | 215 | 9 |
| E-1600-52-IP | 255 | 9 |
| E-1600-52-IP-EWP | 255 | 9 |
| E-1600-53-IP | 255 | 9 |
| E-1600-53-IP-EWP | 255 | 9 |
| E-1600-55A | 215 | 9 |
| E-1600-55A-EWP | 215 | 9 |
| E-1600-55-IP | 255 | 9 |
| E-1600-55-IP-EWP | 255 | 9 |
| E-1600-60A | 215 | 7 |
| E-1600-60A-EWP | 215 | 7 |

| Model | DOD | Page |
|------------------|-----|------|
| E-1600-60-IP | 255 | 7 |
| E-1600-60-IP-EWP | 255 | 7 |
| E-1600-65A | 215 | 7 |
| E-1600-65A-EWP | 215 | 7 |
| E-1600-65-IP | 255 | 7 |
| E-1600-65-IP-EWP | 255 | 7 |
| E-1600A | 215 | 7 |
| E-1600A-AST2EWP | 217 | 7 |
| E-1600A-AST-EWP | 217 | 7 |
| E-1600A-BLT2EWP | 217 | 7 |
| E-1600A-BLT-EWP | 217 | 7 |
| E-1600A-EWP | 215 | 7 |
| E-1600A-GT-EWP | 218 | 9 |
| E-1600A-MK-GNP | 227 | 31 |
| E-1600AST2IPEWP | 249 | 7 |
| E-1600-ASTIPEWP | 249 | 7 |
| E-1600A-TP2-EWP | 218 | 9 |
| E-1600A-TP-EWP | 218 | 9 |
| E-1600BLT2IPEWP | 249 | 7 |
| E-1600-BLTIPEWP | 249 | 7 |
| E-1600-GT-IPEWP | 255 | 9 |
| E-1600-IP | 255 | 7 |
| E-1600-IP-EWP | 255 | 7 |
| E-1600-TP2IPEWP | 255 | 9 |
| E-1600-TP-IPEWP | 255 | 9 |
| E-20B | 210 | 41 |
| E-20B-EWP | 210 | 41 |
| E-20-IP | 248 | 41 |
| E-20-IP-EWP | 248 | 41 |
| E-30 | 212 | 41 |
| E-30-EWP | 212 | 41 |
| E-30-IP | 248 | 41 |
| E-30-IP-EWP | 248 | 41 |
| E-30-PT | 214 | 41 |
| E-30-PT-EWP | 214 | 41 |
| E-32 | 212 | 41 |
| E-32-EWP | 212 | 41 |
| E-32-IP | 248 | 41 |
| E-32-IP-EWP | 248 | 41 |
| E-35 | 178 | 41 |
| E-35-EWP | 178 | 41 |
| E-35-IP | 251 | 41 |
| E-35-IP-EWP | 251 | 41 |
| E-40-BK | 187 | 42 |
| E-40-BK-EWP | 187 | 42 |
| E-40-BN | 187 | 42 |
| E-40-BN-EWP | 187 | 42 |
| E-40-SS | 187 | 42 |
| E-40-SS-EWP | 187 | 42 |
| E-40-WH | 187 | 42 |
| E-40-WH-EWP | 187 | 42 |
| E-50-BK | 191 | 42 |
| E-50-BK-EWP | 191 | 42 |
| E-50-BN | 191 | 42 |
| E-50-BN-EWP | 191 | 42 |
| E-50-SS | 191 | 42 |
| E-50-SS-EWP | 191 | 42 |

| Model | DOD | Page |
|----------------|-----|------|
| E-50-WH | 191 | 42 |
| E-50-WH-EWP | 191 | 42 |
| E-60-BK | 206 | 43 |
| E-60-BK-EWP | 206 | 43 |
| E-60-BK-IP | 250 | 43 |
| E-60-BK-IP-EWP | 250 | 43 |
| E-60-BN | 206 | 43 |
| E-60-BN-EWP | 206 | 43 |
| E-60-BN-IP | 250 | 43 |
| E-60-BN-IP-EWP | 250 | 43 |
| E-60-SS | 206 | 43 |
| E-60-SS-EWP | 206 | 43 |
| E-60-SS-IP | 250 | 43 |
| E-60-SS-IP-EWP | 250 | 43 |
| E-60-WH | 206 | 43 |
| E-60-WH-EWP | 206 | 43 |
| E-60-WH-IP | 250 | 43 |
| E-60-WH-IP-EWP | 250 | 43 |
| E-65-BK | 203 | 43 |
| E-65-BK-EWP | 203 | 43 |
| E-65-BN | 203 | 43 |
| E-65-BN-EWP | 203 | 43 |
| E-65-SS | 203 | 43 |
| E-65-SS-EWP | 203 | 43 |
| E-65-WH | 203 | 43 |
| E-65-WH-EWP | 203 | 43 |
| E-70-BK | 207 | 43 |
| E-70-BK-EWP | 207 | 43 |
| E-70-BN | 207 | 43 |
| E-70-BN-EWP | 207 | 43 |
| E-70-SS | 207 | 43 |
| E-70-SS-EWP | 207 | 43 |
| E-70-WH | 207 | 43 |
| E-70-WH-EWP | 207 | 43 |
| E-75-BK | 208 | 43 |
| E-75-BK-EWP | 208 | 43 |
| E-75-BN | 208 | 43 |
| E-75-BN-EWP | 208 | 43 |
| E-75-SS | 208 | 43 |
| E-75-SS-EWP | 208 | 43 |
| E-75-WH | 208 | 43 |
| E-75-WH-EWP | 208 | 43 |
| ERAM-4M | 854 | 38 |
| ERAM-60 | 813 | 26 |
| ES-1 | 193 | 36 |
| ES-3 | 195 | 38 |
| EV-1 | 135 | 11 |
| FAXJ-1000 | 261 | 27 |
| FBI-1A | 465 | 19 |
| FXI-1A | 483 | 19 |
| GLS-12 | 570 | 27 |
| HD-1 | 405 | 24 |
| HF-3W | 470 | 19 |
| K-1200 | 182 | 34 |
| K-1200-EWP | 182 | 34 |
| K-1200-IP | 271 | 34 |
| K-1200-IP-EWP | 271 | 34 |

Analog Interface

Viking offers many analog telephone line interface products. Depending on the product and in some cases the application, these analog products can be connected to a:

- CO Line
- PABX/KSU station
- Unused trunk input
- FXS port
- FXO port

VoIP Interface

Viking's VoIP product features:

- SIP compliant
- PoE powered
- Automatic Noise Canceling (ANC)
- Network downloadable firmware
- Remotely programmable

Specific VoIP models also feature 2 Amp relays, programmable "speed dial" numbers, and built-in entry controllers that can accommodate up to 1000 keyless entry codes and/or proximity card numbers.

EWP = Enhanced Weather Protection

Viking's Enhanced Weather Protection (EWP) products are weather-sealed with a thick protective coating that keeps the elements out. Applications where products are installed outdoors, or in harsh/ corrosive environments like a swimming pool area or beach, should always use the EWP version! Features include:

- PCB completely sealed in an injection molded thermoplastic potting compound
- Sealed LED, push button switch and mic connections
- Internally sealed switches, trim pots and dip switches
- Mylar speaker with foam gasket
- Gasketing to prevent water penetration
- Connectors filled with anti-corrosive gel
- EWP products are designed to meet an Ingress Protection rating of IP66

For more information on EWP, see DOD 859.



PRODUCT INDEX by Model Number

| Model | DOD | Page |
|------------------|-----|------|
| K-1205 | 183 | 34 |
| K-1205-EWP | 183 | 34 |
| K-1205-IP | 272 | 34 |
| K-1205-IP-EWP | 272 | 34 |
| K-1270 | 184 | 34 |
| K-1270-EWP | 184 | 34 |
| K-1270-IP | 273 | 34 |
| K-1270-IP-EWP | 273 | 34 |
| K-1275 | 194 | 34 |
| K-1275-EWP | 194 | 34 |
| K-1275-IP | 274 | 34 |
| K-1275-IP-EWP | 274 | 34 |
| K-1500-6A | 352 | 12 |
| K-1500-7 | 352 | 12 |
| K-1500-E | 220 | 10 |
| K-1500-EHFA | 220 | 10 |
| K-1500P-D | 355 | 14 |
| K-1500P-D ASH | 355 | 14 |
| K-1500P-W | 355 | 14 |
| K-1500P-W ASH | 355 | 14 |
| K-1600-EHFA | 215 | 9 |
| K-1700-3 | 157 | 35 |
| K-1700-3-BN | 157 | 35 |
| K-1700-3-BN-EWP | 157 | 35 |
| K-1700-3-EWP | 157 | 35 |
| K-1700-BN-IP | 253 | 35 |
| K-1700-BN-IP-EWP | 253 | 35 |
| K-1700-IP | 253 | 35 |
| K-1700-IP-EWP | 253 | 35 |
| K-1705-3 | 159 | 35 |
| K-1705-3-BN | 159 | 35 |
| K-1705-3-BN-EWP | 159 | 35 |
| K-1705-3-EWP | 159 | 35 |
| K-1705-BN-IP | 254 | 35 |
| K-1705-BN-IP-EWP | 254 | 35 |
| K-1705-IP | 254 | 35 |
| K-1705-IP-EWP | 254 | 35 |
| K-1770-3 | 275 | 35 |
| K-1770-3-BN | 275 | 35 |
| K-1770-3-BN-EWP | 275 | 35 |
| K-1770-3-EWP | 275 | 35 |
| K-1770-BN-IP | 257 | 35 |
| K-1770-BN-IP-EWP | 257 | 35 |
| K-1770-IP | 257 | 35 |
| K-1770-IP-EWP | 257 | 35 |
| K-1775-3 | 280 | 35 |
| K-1775-3-BN | 280 | 35 |
| K-1775-3-BN-EWP | 280 | 35 |
| K-1775-3-EWP | 280 | 35 |
| K-1775-BN-IP | 258 | 35 |
| K-1775-BN-IP-EWP | 258 | 35 |
| K-1775-IP | 258 | 35 |
| K-1775-IP-EWP | 258 | 35 |
| K-1900-3 | 312 | 37 |
| K-1900-30 | 300 | 15 |
| K-1900-4 | 315 | 15 |
| K-1900-5 | 317 | 15 |

| Model | DOD | Page |
|-----------------|-----|------|
| K-1900-6 | 360 | 14 |
| K-1900-6-IP | 363 | 13 |
| K-1900-6-IP-EWP | 363 | 13 |
| K-1900-7 | 364 | 12 |
| K-1900-7-EWP | 364 | 12 |
| K-1900-7-IP | 363 | 13 |
| K-1900-7-IP-EWP | 363 | 13 |
| K-1900-8 | 362 | 12 |
| K-1900-8-EWP | 362 | 12 |
| K-1900-8-IP | 361 | 13 |
| K-1900-8-IP-EWP | 361 | 13 |
| K-1900-9 | 321 | 15 |
| K-1900D-2 | 360 | 14 |
| K-1900D-2 ASH | 360 | 14 |
| K-1900W-2 | 360 | 14 |
| K-1900W-2 ASH | 360 | 14 |
| K-2000-DVA | 303 | 15 |
| K-202-DVA | 305 | 15 |
| K-6000-DVA | 307 | 15 |
| K-600F | 476 | 19 |
| LC-3 | 223 | 11 |
| LC-6 | 245 | 11 |
| LC-8 | 225 | 11 |
| LDB-1 | 406 | 25 |
| LDB-2 | 408 | 25 |
| LDB-3 | 409 | 25 |
| LLA-1 | 615 | 29 |
| LLA-4 | 620 | 29 |
| LM-1A | 662 | 28 |
| LM-24D | 670 | 24 |
| LM-24M | 670 | 24 |
| LM-24S | 670 | 24 |
| LPL-1 | 640 | 28 |
| LPR-1 | 550 | 25 |
| LRR-4 | 226 | 36 |
| LRT-4 | 226 | 36 |
| LS-911 | 238 | 10 |
| LSD-2 | 262 | 10 |
| LSR-1 | 230 | 10 |
| LV-1K | 246 | 10 |
| M2W | 480 | 20 |
| MTG-10 | 482 | 25 |
| NS-1 | 540 | 24 |
| PA-15 | 486 | 17 |
| PA-2A | 485 | 17 |
| PA-30 | 489 | 17 |
| PA-60 | 493 | 17 |
| PA-IP | 505 | 16 |
| PAN-1 | 145 | 25 |
| PB-1 | 233 | 10 |
| PB-100 | 232 | 38 |
| PC-7 | 560 | 24 |
| PF-6A | 680 | 27 |
| PI-1A | 491 | 19 |
| PJ-14 | 560 | 24 |
| PNL-VCAM-2-BN | 190 | 41 |
| PNL-VCAM-2-SS | 190 | 41 |

| Model | DOD | Page |
|------------------|-----|------|
| PRX-1 | 221 | 36 |
| PRX-2 | 219 | 36 |
| PRX-3 | 228 | 36 |
| PRX-3-MK-GNP | 229 | 36 |
| PRX-3-MK-VEGNP | 229 | 36 |
| PRX-4 | 199 | 36 |
| PRX-5 | 224 | 36 |
| PRX-C | 198 | 36 |
| PRX-C-ISO | 198 | 36 |
| PRX-FOB | 198 | 36 |
| PS-48-RGA | 515 | 27 |
| PTR-1 | 438 | 24 |
| Q170600 | 834 | 14 |
| RAD-1A | 410 | 23 |
| RAD-AMP | 415 | 23 |
| RC-2A | 160 | 39 |
| RC-3 | 165 | 39 |
| RC-4A | 582 | 39 |
| RG-10A | 420 | 29 |
| RG-204 | 417 | 29 |
| RG-212 | 419 | 29 |
| RG-224 | 418 | 29 |
| RG-4 | 416 | 29 |
| SA-1H | 526 | 18 |
| SA-1S | 525 | 18 |
| SA-25 | 520 | 18 |
| SA-IR | 527 | 18 |
| SA-TBA | 534 | 20 |
| SA-X12 | 529 | 18 |
| SC-911 | 236 | 28 |
| SL-2 | 242 | 28 |
| SL-2-EWP | 242 | 28 |
| SLP-1 | 478 | 21 |
| SLP-4 | 479 | 21 |
| SO-24 AK | 819 | 23 |
| SO-24A | 690 | 23 |
| SR-1 | 477 | 20 |
| SRC-1 | 176 | 39 |
| SR-IP | 577 | 20 |
| SV-5W | 488 | 20 |
| TBB-1B | 632 | 29 |
| TDR-1 | 421 | 25 |
| TG-1 | 560 | 24 |
| TG-2 | 560 | 24 |
| TR-1 | 705 | 24 |
| VCAM-1 | 190 | 41 |
| VCAM-1IR | 190 | 41 |
| VCAM-2-BN | 190 | 41 |
| VCAM-2-SS | 190 | 41 |
| VE-3x5 | 424 | 31 |
| VE-5x10 | 424 | 31 |
| VE-5x10-NR | 424 | 31 |
| VE-5x10-NR-SS | 424 | 31 |
| VE-5x10-PNL | 424 | 31 |
| VE-5x10-PNL-NR | 424 | 31 |
| VE-5x10-PNL-NRSS | 424 | 31 |
| VE-5x10-PNL-SS | 424 | 31 |

| Model | DOD | Page |
|-----------------|-----|------|
| VE-5x10-SS | 424 | 31 |
| VE-5x5 | 424 | 30 |
| VE-5x5-NR | 424 | 30 |
| VE-5x5-NR-RD | 424 | 30 |
| VE-5x5-NR-SS | 424 | 30 |
| VE-5x5-PNL | 424 | 30 |
| VE-5x5-PNL-NR | 424 | 30 |
| VE-5x5-PNL-NRRD | 424 | 30 |
| VE-5x5-PNL-NRSS | 424 | 30 |
| VE-5x5-PNL-RD | 424 | 30 |
| VE-5x5-PNL-SS | 424 | 30 |
| VE-5X5-RD | 424 | 30 |
| VE-5x5-SS | 424 | 30 |
| VE-6x7 | 424 | 30 |
| VE-6x7-NR | 424 | 30 |
| VE-6x7-NR-SS | 424 | 30 |
| VE-6x7-PNL | 424 | 30 |
| VE-6x7-PNL-NR | 424 | 30 |
| VE-6x7-PNL-NRSS | 424 | 30 |
| VE-6x7-PNL-SS | 424 | 30 |
| VE-6x7-SS | 424 | 30 |
| VE-9x12B-0 | 413 | 32 |
| VE-9x12B-1 | 413 | 32 |
| VE-9x12B-2 | 413 | 32 |
| VE-9x12MK-1 | 413 | 32 |
| VE-9x12MK-2 | 413 | 32 |
| VE-9x12R-0 | 413 | 32 |
| VE-9x12R-1 | 413 | 32 |
| VE-9x12R-2 | 413 | 32 |
| VE-9x12Y-0 | 413 | 32 |
| VE-9x12Y-1 | 413 | 32 |
| VE-9x12Y-2 | 413 | 32 |
| VE-9x20B | 413 | 32 |
| VE-9x20B-0 | 413 | 32 |
| VE-9x20MK | 413 | 32 |
| VE-9x20R | 413 | 32 |
| VE-9x20R-0 | 413 | 32 |
| VE-9x20Y | 413 | 32 |
| VE-9x20Y-0 | 413 | 32 |
| VE-ARSW | 237 | 11 |
| VE-GNP | 424 | 31 |
| VE-GNP-2 | 424 | 31 |
| VE-GNP-IG | 424 | 31 |
| VE-GNP-SS | 424 | 31 |
| VE-LIGHT | 428 | 31 |
| VE-PBL | 413 | 32 |
| VE-RMB | 431 | 31 |
| VR-1B | 697 | 28 |
| W-1000 | 170 | 33 |
| W-1000-EWP | 170 | 33 |
| W-2000A | 170 | 33 |
| W-2000A-EWP | 170 | 33 |
| W-3000 | 170 | 33 |
| W-3000-EWP | 170 | 33 |
| W-3005 | 181 | 33 |
| W-3005-EWP | 181 | 33 |
| ZPI-4 | 499 | 20 |

Integrated Color Video Camera

Viking offers many door entry phones with built-in color cameras for added security. The compact, high resolution, color composite video output provides versatility, while the -40°F to 185°F extreme temperature rating ensures reliability.

Camera Specifications:

Power: 6-22V DC 150mA (12V DC UL Listed adapter included with the product)
Image Sensor: 1/4" color CMOS
Video Output: 1VPP composite, NTSC, 75 Ohms
Resolution: 420 lines (640 x 480 @ 30fps / 307,200 pixels)
Sensitivity: 0.025 LUX (50 IRE) F 1.2 3200K
Lens: 2.1mm conical pinhole
FOV (Field of View): 80° Horizontal, 60° Vertical, 100° Diagonal
Tilt/Swivel Adjustment: Vertical +/- 20°, horizontal +/- 30°
IR Compatibility: Use a Viking model VCAM-11R, see DOD 190

Integrated Proximity Card Readers

Viking offers several entry phone styles with a built-in proximity reader option for added security. We also offer several different external proximity readers. All Viking proximity readers are equipped with Enhanced Weather Protection, which is designed to meet IP66 Ingress Protection Rating.

Proximity Specifications:

Frequency: 125KHz
Format: 26 bit Wiegand
Transducer: Beeps during card read
LED: Red, turns off during card read
Humidity: Up to 100% (fully potted EWP)
Operating Temperature: -30°F to 150°F

Technologies Supported:

Viking PRX-C, PRX-C-ISO, PRX-FOB, LRT-4, see page 36
 Certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**

* HID and the HID logo are registered trademarks of HID Global Corporation, an ASSA ABLOY company.
 ** AWID is a trademark of Applied Wireless Identification Group.

ADA Compliant Analog and VoIP Emergency and Elevator Phones

- Analog or VoIP interface
- Automatic Noise Canceling (ANC) for proper operation in noisy environments
- Complies with ASME A17.1 Elevator Code when used with **LV-1K** (page 10)
- Phone numbers and I.D. announcement stored in non-volatile memory
- Cycles through up to 5 emergency numbers on busy or no answer
- Convenient handsfree communication
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating



Analog: 1600A Series

Analog Features and Operation

- Telephone line powered
- Can be connected to a CO line, analog PABX station, or FXS port
- Compatible with Central Station Monitoring (CSM)
- 16 second I.D. announcement
- Intelligent call progress detection for automatic hang-up on CPC, silence, busy signal, or time out
- Alternate action call button to place or cancel a call
- Adjustable microphone and speaker volume
- Programmable maximum call length
- Selectable auto-answer feature allows remote monitoring
- Two way handsfree communication
- Temperature range: -15°F to 130°F

The **1600A Series** Emergency Phones are designed to provide quick and reliable access to emergency personnel via two-way, handsfree voice communication over a telephone network. The **1600A Series** have Braille labels and meet ADA requirements for elevator telephones. The phones can be programmed on-site or remotely from a touch tone phone.

When the "Push for Help" button is pressed, the **1600A Series** phone goes off-hook, and the built-in touch tone dialer calls the pre-programmed 1 to 20 digit number. The "Call Connected" LED flashes during dialing. In the event that the line is busy or there is no answer, the unit can automatically dial up to 4 more numbers. When the call is answered, the **1600A Series** phone lights the "Call Connected" LED steady and sends a field-programmed 1 to 20 digit touch tone number or 16 second voice announcement indicating the location of the emergency phone.

Use the **PB-100** (see page 38) to remotely program and poll emergency phones as to their working status.

VoIP: 1600-IP Series

VoIP Features and Operation

- 2 Amp relay contacts for lights, strobes, chimes, door / gate control, etc.
- SIP compliant and PoE powered (class 1, <4 Watts)
- 28 second I.D. announcement
- Network downloadable firmware
- Temperature range: -40°F to 140°F
- Handsfree operation
- Hangs up on busy signal, time-out, or touch tone command
- Remotely programmable
- Volume adjustments for microphone and speaker

The **1600-IP Series** Emergency Phones are designed to provide quick and reliable handsfree communication for SIP VoIP phone systems with PoE. All **1600-IP Series** phones meet ADA requirements for elevator/emergency telephones, and can be programmed from any touch tone phone or PC on the same LAN or remotely using a static IP address.

When the "Push for Help" button is pressed, the **1600-IP Series** phone dials a pre-programmed telephone number. The "Call Connected" LED momentarily flashes during dialing. In the event the line is busy or there is a ring-no-answer, the unit can be programmed to call additional phone numbers. The phone then cycles through up to 5 pre-programmed emergency numbers until the call is answered. When the call is answered, the digital voice announcer will automatically play to identify the location of the emergency call. The phones are factory programmed to play the announcement once, and then automatically light the "Call Connected" LED to show that handsfree communication to emergency personnel is established. The * key will send the I.D. number (if programmed), and play the announcement again. The distant party will know the location of the emergency call by either the voice announcement or by decoding the touch tone I.D. number.

Installation requires the assistance of a network administrator/I.T. technician



Compact Emergency Phones

For Features and Operation refer to page 6

- Material: 16 gauge steel with durable high visibility textured powder paint
- Includes Braille label, "Call Connected" LED, and I.D. Announcement for ADA compliance
- Dimensions: 5.25" x 4.0" x 2.0"
- Mounting: Surface mount to walls, posts, single gang boxes, or recess mount in elevator phone boxes



E-1600A / E-1600-IP



E-1600-45A / E-1600-45-IP



E-1600-60A / E-1600-60-IP



E-1600-65A / E-1600-65-IP



E-1600-40A / E-1600-40-IP

These models have the same features as the phones above, but without lettering - ideal for custom applications.

Separate "Push for Help" Braille label included.

| Model | Color | Analog | VoIP | EWP | DOD |
|-----------------|--------|--------|------|-----|-----|
| E-1600A | Red | • | • | • | 215 |
| E-1600A-EWP | Red | • | • | • | 215 |
| E-1600-IP | Red | • | • | • | 255 |
| E-1600-IP-EWP | Red | • | • | • | 255 |
| E-1600-40A | Red | • | • | • | 215 |
| E-1600-40A-EWP | Red | • | • | • | 215 |
| E-1600-40-IP | Red | • | • | • | 255 |
| E-1600-40-IPEWP | Red | • | • | • | 255 |
| E-1600-45A | Yellow | • | • | • | 215 |
| E-1600-45A-EWP | Yellow | • | • | • | 215 |

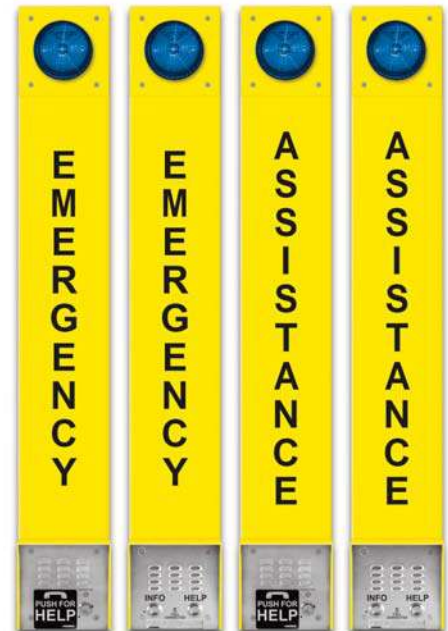
| Model | Color | Analog | VoIP | EWP | DOD |
|-----------------|--------|--------|------|-----|-----|
| E-1600-45-IP | Yellow | • | • | • | 255 |
| E-1600-45-IPEWP | Yellow | • | • | • | 255 |
| E-1600-60A | Blue | • | • | • | 215 |
| E-1600-60A-EWP | Blue | • | • | • | 215 |
| E-1600-60-IP | Blue | • | • | • | 255 |
| E-1600-60-IPEWP | Blue | • | • | • | 255 |
| E-1600-65A | Blue | • | • | • | 215 |
| E-1600-65A-EWP | Blue | • | • | • | 215 |
| E-1600-65-IP | Blue | • | • | • | 255 |
| E-1600-65-IPEWP | Blue | • | • | • | 255 |

42-Inch Tower Phone with Blue LED Strobe

For Features and Operation see page 6

- High intensity flashing LED strobe light with steady-on beacon option, 4 flash patterns and 6 brightness settings
- Strobe: Vandal resistant polycarbonate plastic
- Tower Chassis: 8 gauge thick aluminum, 3.0" x 6.0" rectangular tube, powder painted high-visibility yellow
- Phone Panel: 14 gauge 316 marine grade stainless steel faceplate with stainless steel button
- Mounting: Surface mount to wall or post
- Power supply included for strobe
- Comes standard with Enhanced Weather Protection (EWP), see page 4
- Meets IP66 Ingress Protection Rating

| Model | Description | Analog | VoIP | EWP | DOD |
|-----------------|--|--------|------|-----|-----|
| E-1600A-AST-EWP | "Assistance" verbiage with HELP button | • | • | • | 217 |
| E-1600A-AST2EWP | "Assistance" verbiage with HELP and INFO buttons | • | • | • | 217 |
| E-1600-ASTIPEWP | "Assistance" verbiage with HELP button | • | • | • | 249 |
| E-1600AST2IPEWP | "Assistance" verbiage with HELP and INFO buttons | • | • | • | 249 |
| E-1600A-BLT-EWP | "Emergency" verbiage with HELP button | • | • | • | 217 |
| E-1600A-BLT2EWP | "Emergency" verbiage with HELP and INFO buttons | • | • | • | 217 |
| E-1600-BLTIPEWP | "Emergency" verbiage with HELP button | • | • | • | 249 |
| E-1600BLT2IPEWP | "Emergency" verbiage with HELP and INFO buttons | • | • | • | 249 |



Vandal Resistant Handsfree Emergency Phone

For Features and Operation refer to page 6

| Model | Analog | VoIP | EWP | DOD |
|-----------------|--------|------|-----|-----|
| E-1600-03B | • | • | • | 215 |
| E-1600-03B-EWP | • | • | • | 215 |
| E-1600-03-IP | • | • | • | 255 |
| E-1600-03-IPEWP | • | • | • | 255 |

- Material: Heavy duty 14 gauge 316 marine grade stainless steel with a #4 brushed finish
- Mounting: Surface mount to walls, posts, single or double gang boxes or recess mount in elevator phone boxes
- Rugged construction ideal for locations where vandalism can be an issue
- Dimensions: 7.22" x 5.36" x 1.55"



Vandal Resistant Emergency Panel Phone

For Features and Operation refer to page 6

| Model | Analog | VoIP | EWP | DOD |
|-----------------|--------|------|-----|-----|
| E-1600-02A | • | • | • | 215 |
| E-1600-02A-EWP | • | • | • | 215 |
| E-1600-02-IP | • | • | • | 255 |
| E-1600-02-IPEWP | • | • | • | 255 |

- Material: 12 gauge brushed 316 marine grade stainless steel
- Mounting: Flush mount in elevator cabs, stairwells, hallways, etc.
- Dimensions: 13.0" x 10.5" x 2"
- Includes Braille label, "Call Connected" LED, and I.D. Announcement for ADA compliance
- Heavy-duty panel with laser etched lettering for years of use



Two Button 5" x 5" Stainless Steel Emergency Phone

For Features and Operation refer to page 6

| Model | Analog | VoIP | EWP | DOD |
|-----------------|--------|------|-----|-----|
| E-1600-20A | • | • | • | 215 |
| E-1600-20A-EWP | • | • | • | 215 |
| E-1600-20-IP | • | • | • | 255 |
| E-1600-20-IPEWP | • | • | • | 255 |

- Material: 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount with the included plastic rough-in box or use an optional **VE-Series** Surface Mount Box, sold separately (page 30)
- Dimensions: 5.0" x 5.0" x 2.25"
- INFO button dials additional numbers for general information or directions



Double-Gang Mount VoIP Emergency Phone with Two Buttons

For Features and Operation refer to page 6

| Model | Analog | VoIP | EWP | DOD |
|-----------------|--------|------|-----|-----|
| E-1600-22-IP | • | • | • | 255 |
| E-1600-22-IPEWP | • | • | • | 255 |

- Material: 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount in a standard double-gang electrical box
- Dimensions: 5.0" x 5.0" x 2.25"
- INFO button for general information or directions



Stainless Steel Emergency Phone

For Features and Operation refer to page 6

| Model | Analog | VoIP | EWP | DOD |
|-----------------|--------|------|-----|-----|
| E-1600-30A | • | • | • | 215 |
| E-1600-30A-EWP | • | • | • | 215 |
| E-1600-30-IP | • | • | • | 255 |
| E-1600-30-IPEWP | • | • | • | 255 |

- Material: 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount with the included plastic rough-in box or use an optional **VE-Series** Surface Mount Box, sold separately (page 30)
- Dimensions: 5.0" x 5.0" x 2.25"
- Includes Braille label, "Connected" LED, and I.D. Announcement for ADA compliance



NEW Double-Gang Mount Stainless Steel Emergency Phone

For Features and Operation refer to page 6

| Model | Analog | VoIP | EWP | DOD |
|-----------------|--------|------|-----|-----|
| E-1600-32A | • | • | • | 215 |
| E-1600-32A-EWP | • | • | • | 215 |
| E-1600-32-IP | • | • | • | 255 |
| E-1600-32-IPEWP | • | • | • | 255 |

- Material: 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount in a standard double-gang electrical box
- Dimensions: 5.0" x 5.0" x 2.25"
- Includes Braille label, "Connected" LED, and I.D. Announcement for ADA compliance



Replacement Phone for Code Blue, GAI-Tronics and Talk-A-Phone Applications

For Features and Operation refer to page 6

- Direct replacement for select GAI-Tronics and Talk-A-Phone panel phones
- Replacing Code Blue tower phones requires redrilling and tapping
- Enhanced Weather Protection (EWP) standard
- Mounting: Flush mount to Code Blue, GAI-Tronics and Talk-A-Phone towers, wall mounts, boxes and pedestals
- Material: 12 gauge marine grade 316 stainless steel

| Model | Description | Analog | VoIP | EWP | DOD |
|-----------------|--|--------|------|-----|-----|
| E-1600A-TP-EWP | Replaces select Talk-A-Phone and Code Blue models | • | • | • | 218 |
| E-1600A-TP2-EWP | Replaces select two-button Talk-A-Phone and Code Blue models | • | • | • | 218 |
| E-1600A-GT-EWP | Replaces select GAI-Tronics models | • | • | • | 218 |
| E-1600-TP-IPEWP | Replaces select Talk-A-Phone and Code Blue models | • | • | • | 255 |
| E-1600-TP2IPEWP | Replaces select two-button Talk-A-Phone and Code Blue models | • | • | • | 255 |
| E-1600-GT-IPEWP | Replaces select GAI-Tronics models | • | • | • | 255 |



Emergency Phone Parts Kit

| Model | Description | Analog | VoIP | EWP | DOD |
|-----------------|--|--------|------|-----|-----|
| E-1600-50A | Parts kit with 1 button | • | • | • | 215 |
| E-1600-50A-EWP | Parts kit with 1 button | • | • | • | 215 |
| E-1600-52A | Parts kit with 2 buttons (ie: HELP and INFO) | • | • | • | 215 |
| E-1600-52A-EWP | Parts kit with 2 buttons (ie: HELP and INFO) | • | • | • | 215 |
| E-1600-50-IP | Parts kit with 1 button | • | • | • | 255 |
| E-1600-50-IPEWP | Parts kit with 1 button | • | • | • | 255 |
| E-1600-52-IP | Parts kit with 2 buttons (ie: HELP and INFO) | • | • | • | 255 |
| E-1600-52-IPEWP | Parts kit with 2 buttons (ie: HELP and INFO) | • | • | • | 255 |

For Features and Operation refer to page 6

- These are parts kits without a chassis
- Kit includes: circuit board, speaker, LED, microphone, button(s), & Braille label



Analog to VoIP Conversion Kit

| Model | Analog | VoIP | EWP | DOD |
|-----------------|--------|------|-----|-----|
| E-1600-53-IP | • | • | • | 255 |
| E-1600-53-IPEWP | • | • | • | 255 |

For Features and Operation refer to page 6

The E-1600-53-IP conversion kit is designed to convert a Viking analog phone to VoIP. The kit saves money by re-using the housing, faceplate, mic, speaker, switch, and LED. The conversion takes less than 15 minutes (slightly longer for EWP models).



Emergency Phone Kit for Custom Installs

| Model | Analog | VoIP | EWP | DOD |
|-----------------|--------|------|-----|-----|
| E-1600-55A | • | • | • | 215 |
| E-1600-55A-EWP | • | • | • | 215 |
| E-1600-55-IP | • | • | • | 255 |
| E-1600-55-IPEWP | • | • | • | 255 |

For Features and Operation refer to page 6

- Material: 16 gauge zinc plated steel
- Mounting: Install behind elevator panels for applications requiring a custom panel
- Dimensions: 5.0" x 5.0" x 2.25"



Emergency Phone for an Elevator Phone Box

For Features and Operation refer to page 6

| Model | Analog | VoIP | EWP | DOD |
|-------------|--------|------|-----|-----|
| K-1600-EHFA | • | • | • | 215 |

- Material: 14 gauge red powder painted aluminum
- Mounting: Recess mount in standard elevator phone box (10" x 7" x 3")
- Dimensions: 9.875" x 6.86" x 2.1"
- Includes Braille label, "Call Connected" LED, and I.D. Announcement for ADA compliance



Emergency Phones for an Elevator Phone Box (non-ADA)

- Two wire install: analog PABX, CO line, or FXS port powered
- Material: 14 gauge red powder painted aluminum
- Mounting: Recess mounts in a standard elevator phone box
- Dimensions: 9.875" x 6.86" x 2.1"



K-1500-E

K-1500-EHFA

| Model | Description | DOD |
|-------------|---------------------------------------|-----|
| K-1500-E | Elevator Phone with Handset (non-ADA) | 220 |
| K-1500-EHFA | Handsfree Elevator Phone (non-ADA) | 220 |

Analog Line Sharing for IP PBXs / VoIP Phone Systems

- Routes both incoming and outgoing calls
- Gives priority to emergency devices
- Incoming calls routed to one of two ports by distinctive ring or quick callback
- Provides a busy signal to the phone port when an emergency device is in use
- Normal and fast dialing speed
- Store-and-forward and rerouting dialer functions available
- Emergency callback function maintains line availability for 911 callback



| Model | DOD |
|--------|-----|
| LS-911 | 238 |

Smart Line Sharing Device with Inbound Switching Capability

- Routes both incoming and outgoing calls
- Allows an emergency device to share a phone line with other devices (fax, phone, etc.)
- Gives priority to emergency devices
- Incoming calls routed to one of two ports by Caller ID, distinctive ring, or callback
- Can store up to 12 Caller ID numbers
- Provides a busy signal to the phone port when an emergency device is in use



| Model | DOD |
|-------|-----|
| LSD-2 | 262 |

Line Seizure Relay

Viking's Emergency Line Seizure Relay allows the Elevator/Emergency phone or alarm dialer to share an existing CO line. When the emergency phone or alarm dialer initiates a call, the line is taken away from its normal use and receives new dial tone for the emergency call. Any call in process is disconnected. The **LSR-1** always connects to the emergency device during power failure.

- Emergency device can share a line with a phone system
- Interrupts any call in progress and returns fresh dial tone to the emergency phone
- Easy modular connections



| Model | DOD |
|-------|-----|
| LSR-1 | 230 |

Line Verification Panel with Key Switch

- Complies with ASME A17.1 Elevator Code
- Immediately detects a cut or disconnected phone line
- Allows Viking **1600A Series** phones to be tested for dial tone
- Works with any analog device on any analog line
- Works with Viking **1600-IP Series** phones to indicate LAN connection failures
- Compatible with **LC-6** Line Concentrator (page 11)
- Mounts in standard double gang electrical box

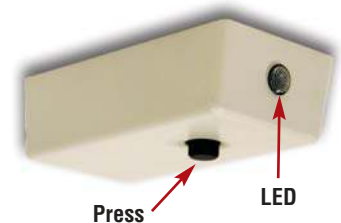


| Model | DOD |
|-------|-----|
| LV-1K | 246 |

Silent Panic Button Kit for use with Viking Emergency Phones

The **PB-1** Panic Button is designed to be used in conjunction with a Viking **1600A** or **1600-IP Series** emergency phone (not included). The unit can be discreetly mounted under a desk, counter, etc. When the button is pressed, the phone calls up to 5 numbers and gives a pre-recorded message while the LED lights red to indicate activation.

The emergency phone's speaker is disabled but the called party hears everything that is happening at the installation site, making the **PB-1** a very effective security measure.



| Model | DOD |
|-------|-----|
| PB-1 | 233 |

Area of Refuge Signs and Accessories

Compliant with IBC, ADA, NFPA, and ICC Requirements



ARS-TB100



ARS-IB100



ARS-LR100



ARS-DLB100



ARS-DRB100

The **ARS Series** Area of Refuge Signs are designed to comply with IBC 1007, 1011, ADA 4.3.11, NFPA 22, 101 and ICC 703 code requirements. The **ARS-LR100** is an LED Illuminated edge-lit double sided hanging Sign. It is AC powered with 3 hour battery backup. The unit can be ceiling mounted, mounted flat against a wall, or end mounted so it can be viewed from either direction. The instructional, tactile and directional signs are made from acrylic or durable ABS plastic and are designed to adhere to the wall with the provided double sided foam tape.

ARS-TB100: 6" wide x 9" tall tactile sign with 0.031" raised white letters and accessibility symbol, California compliant contracted grade 2 Braille. Blue PMS 300 acrylic with non-glare finish, 0.032" thick double sided foam included.

ARS-IB100: 6" wide x 7.5" tall instructional sign with 0.031" raised white "Push For Help" letters and engraved white text, California compliant contracted grade 2 Braille. Blue PMS 294 ABS with non-glare finish, 0.032" thick double sided foam included.

ARS-LR100: Red LED edge lit wall sign, 120/277V AC power, included NiCad battery delivers over 3 hours of battery backup, UL listed, universal wall, side or ceiling mounting, silver aluminum housing with mirrored double sided acrylic sign surface, battery test button, AC power LED, low voltage automatic battery disconnect to prevent deep cycling battery, mounting hardware and 4 optional chevron arrows with mounting templates included.

ARS-DLB100 (left arrow) and **ARS-DRB100** (right arrow): 12" wide x 4" tall directional sign with engraved white text, blue PMS 294 ABS with non-glare finish, 0.032" thick double sided foam included.

VE-ARSW: Area of Refuge surface mount command center cabinet. Lockable for mounting "Two-Way Communications System" phone in low rise (less than 60 ft tall) buildings.

- 20 gauge galvanized steel cabinet with gloss white powder coat finish
- Mounting studs for any standard wall phone
- Lock with breakaway cam and two keys

| Model | Description | DOD |
|------------|---|-----|
| ARS-DLB100 | Blue left arrow directional sign | 235 |
| ARS-DRB100 | Blue right arrow directional sign | 235 |
| ARS-IB100 | Blue instructional Braille and raised letter sign | 235 |
| ARS-LR100 | Lighted double sided wall or ceiling mount sign | 235 |
| ARS-TB100 | Blue tactile Braille and raised letter sign | 235 |
| VE-ARSW | Command center cabinet | 237 |



VE-ARSW

Emergency Voice Module

- Emergency/Elevator phone identification for meeting ADA requirements
- Ten seconds of digital record time
- Automatic playback capability
- Phone line powered



| Model | DOD |
|-------|-----|
| EV-1 | 135 |

Three Port Line Concentrator

- Connects up to 3 emergency phones, or 2 phones can share a line with a phone system
- Fire Floor Phone port provided to meet elevator code
- Auto-answers inbound calls
- Inbound calls can be transferred to any port



| Model | DOD |
|-------|-----|
| LC-3 | 223 |

Six Port Line Concentrator

- Share up to 6 emergency phones on one line
- Communicate with local and/or remote authorized personnel
- Meets the ASME A17.1 requirements
- Eliminate dedicated lines
- Auto-answers inbound calls
- Separate ports for Fire Floor, Machine Room, and Lobby



| Model | DOD |
|-------|-----|
| LC-6 | 245 |

Eight Port Line Concentrator

- Share one line with up to 8: emergency phones, elevator phones, modems, credit card readers, standard telephones, etc.
- Eliminate dedicated lines
- Auto-answers inbound calls
- Call waiting
- Paging feature
- Fire floor phone connection
- Battery backup



| Model | DOD |
|-------|-----|
| LC-8 | 225 |

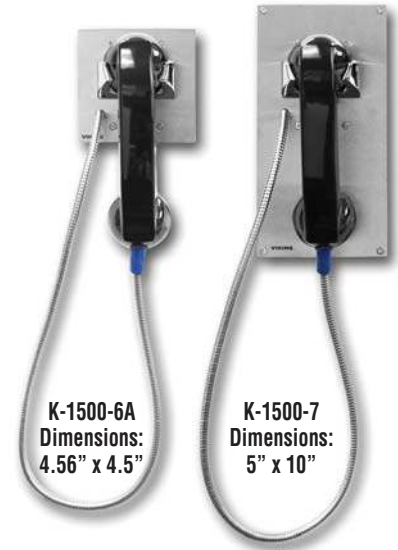
Analog (No Dial) Panel Phones

The **K-1500-6A** and **K-1500-7** provide simple vandal resistant communication in a flush mount, stainless steel, panel telephone. The **K-1500-6A** and **K-1500-7** work with Viking's **DLE-200B** Line Simulator (page 27) or on a dedicated ringdown circuit. If dialing is necessary, use Viking's **K-1900-7** or combine the **K-1500-6A** or **K-1500-7** with Viking's **K-1900-5** Hot-Line Dialer (page 15).

The **K-1500-6A** and **K-1500-7** consist of a heavy gauge stainless steel panel, an armored cable, a heavy duty black hearing aid compatible amplified handset, and an all metal cradle. Both phones are designed to mount to a standard double gang electrical box.

- Operates on a CO line or analog PABX/FXS station
- Flush mount to a standard double gang box
- Surface mount the **K-1500-7** with a **VE-5x10** Surface Mount Box (page 31) or a **VE-9x20** enclosure (page 32), each sold separately
- If a ringer is required, use an external unit such as the Viking **LPR-1** (page 25) or **SR-1** (page 20), each sold separately

| Model | Analog | | DOD |
|------------------|--------|--|------------|
| | EWP | | |
| K-1500-6A | • | | 352 |
| K-1500-7 | • | | 352 |



K-1500-6A
Dimensions:
4.56" x 4.5"

K-1500-7
Dimensions:
5" x 10"

Analog Hot-Line Panel Phone

The **K-1900-7** panel phone will auto-dial a 1-32 digit programmable phone number each time the handset is lifted. The unit will touch tone or pulse dial and will not auto-dial on incoming calls. The **K-1900-7-EWP** shares all of the features of the **K-1900-7** in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation. EWP models are designed to meet IP66 Ingress Protection Rating.

- Touch tone or pulse auto-dialing (up to 32 digits)
- Vandal resistant 12 gauge 316 marine grade stainless steel panel
- Tamper-resistant armored cable and metal cradle
- Operating temperature range: -30° to 140°F
- Standard model armored cable length: 36"
- EWP model armored cable length: 54"
- Hearing aid compatible amplified handset with volume control
- Surface mount with a **VE-5x10** Surface Mount Box (page 31) or a **VE-9x20** enclosure (page 32), each sold separately
- If a ringer is required, use an external unit such as the Viking **LPR-1** (page 25) or **SR-1** (page 20), each sold separately

| Model | Analog | | DOD |
|---------------------|--------|---|------------|
| | EWP | | |
| K-1900-7 | • | | 364 |
| K-1900-7-EWP | • | • | 364 |



K-1900-7
Dimensions:
5"W x 10"H

Analog Panel Phone with Keypad

The **K-1900-8** panel phone can either auto-dial a phone number each time the handset is lifted, be used as a multi-number auto-dialer, or be used as a standard (manual dial) phone. The unit will touch tone or pulse dial and will not dial on incoming calls. The **K-1900-8-EWP** shares all of the features of the **K-1900-8** in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation. EWP models are designed to meet IP66 Ingress Protection Rating.

- Touch tone or pulse speed dialing with a programmable pre-dial pause
- Vandal resistant 12 gauge 316 marine grade stainless steel panel
- Tamper-resistant armored cable and metal cradle
- Temperature range: -30° to 140°F
- Standard model armored cable length: 36"
- EWP model armored cable length: 54"
- Hearing aid compatible amplified handset with volume control
- Optional **VE-5x10** Surface Mount Box (page 31) or **VE-9x20** Enclosure (page 32), sold separately
- If a ringer is required, use an external unit such as the Viking **LPR-1** (page 25) or **SR-1** (page 20), each sold separately

| Model | Analog | | DOD |
|---------------------|--------|---|------------|
| | EWP | | |
| K-1900-8 | • | | 362 |
| K-1900-8-EWP | • | • | 362 |



K-1900-8
Dimensions:
5"W x 10"H

VoIP Panel Phones with Auto Dialer and Relay Control

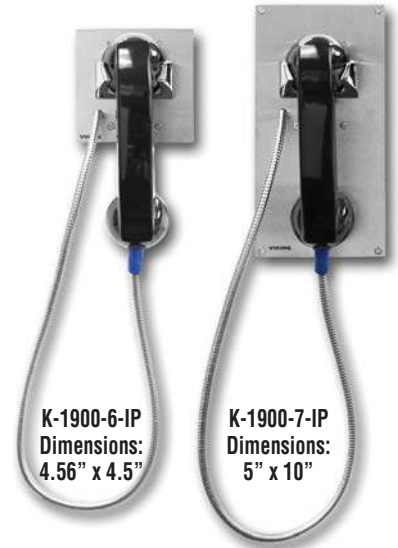
The **K-1900-6-IP** and **K-1900-7-IP** VoIP Panel Phones will auto-dial a 1-20 digit programmable phone number each time the handset is lifted. If the call is not answered, the phone will dial up to 4 additional phone numbers. The **K-1900-6-IP** and **K-1900-7-IP** phones are designed to provide quick and reliable communication for SIP VoIP phone systems with PoE. The unit can be programmed from any PC on the same LAN or remotely using a Static IP Address.

When a call initiated by the **K-1900-6-IP** or **K-1900-7-IP** is answered by an apartment or business tenant, a built-in relay may be activated to control an electric gate or door strike. The relay can also be programmed to activate whenever the phone is off hook, ideal for controlling cameras, etc.

The **K-1900-6-IP-EWP** and **K-1900-7-IP-EWP** share all of the features of the standard **K-1900-6-IP** and **K-1900-7-IP** in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation. EWP models are designed to meet IP66 Ingress Protection Rating.

- Provide vandal resistant communication for SIP VoIP phone systems
- PoE powered (class 1<4 Watts)
- Dials up to 4 additional numbers on busy or ring no answer
- Built-in ringer
- Standard model armored cable length: 36"
- EWP model armored cable length: 54"
- Flush mount to a standard double gang box

| Model | VoIP | EWP | DOD |
|-----------------|------|-----|-----|
| K-1900-6-IP | • | | 363 |
| K-1900-6-IP-EWP | • | • | 363 |
| K-1900-7-IP | • | | 363 |
| K-1900-7-IP-EWP | • | • | 363 |



- Surface mount the **K-1900-7-IP** with a **VE-5x10** Surface Mount Box (page 31) or a **VE-9x20** enclosure (page 32), each sold separately

VoIP Panel Phone with Keypad and Entry System Features

The **K-1900-8-IP** VoIP panel phone can either auto-dial a phone number each time the handset is lifted, be used as a multi-number auto-dialer, or be used as a standard manual dial phone. The **K-1900-8-IP** VoIP phone is designed to provide quick and reliable communication for SIP VoIP phone systems with PoE. The unit can be programmed from any PC on the same LAN or remotely using a Static IP Address. The **K-1900-8-IP** phone can dial up to 250 programmable numbers and another 250 rollover numbers.

When a call initiated by the **K-1900-8-IP** is answered by an apartment or business tenant, a built-in relay may be activated to control an electric gate or door strike. Up to 1,000 keyless entry codes may be programmed, providing tenants with keyless entry. A 26 bit Wiegand input is provided for adding an optional proximity card reader with capacity to program up to 1,000 card numbers. Keyless entry codes and card numbers can be programmed to only allow access at specific times and/or day of the week. A request for exit (REX) input is included for easy exiting. The **K-1900-8-IP** also has automatic event logging allowing you to review the time and date of the call, which door was opened/closed, what keyless entry code or proximity card was used, request for exit usage and whether it was an inbound or outbound call.

The **K-1900-8-IP-EWP** shares all of the features of the **K-1900-8-IP** in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation. EWP models are designed to meet IP66 Ingress Protection Rating.

- Provide vandal resistant communication for SIP VoIP phone systems
- Speed dials up to 250 numbers, each with a rollover number
- Store up to 1000 keyless entry codes
- PoE powered (class 2 < 6.5 Watts)
- Event logging with time and date stamp
- 2 sets of relay contacts for door/gate/camera control
- 26 bit Wiegand input for optional proximity card readers
- Built-in ringer
- Standard model armored cable length: 36"
- EWP model armored cable length: 54"
- Hearing aid compatible amplified handset with volume control
- Flush mount to a standard double gang box
- Surface mount with a **VE-5x10** Surface Mount Box (page 31) or a **VE-9x20** Enclosure (page 32), each sold separately

| Model | VoIP | EWP | DOD |
|-----------------|------|-----|-----|
| K-1900-8-IP | • | | 361 |
| K-1900-8-IP-EWP | • | • | 361 |



K-1900-8-IP with optional VE-5x10 (sold separately)



K-1900-8-IP Dimensions: 5"W x 10"H

Hot-Line Single Number Dialer Phones

Auto Dialing Emergency/Courtesy Phones

The **K-1900 Series** of hot-line phones are programmable to dial a 1-32 digit telephone number each time the phone's handset is lifted. The products may be programmed to touch tone or pulse dial and will not dial on incoming calls.

- 1-32 digit programmable speed dial number
- Telephone line powered and touch tone programmable
- Hearing aid compatible amplified handsets with handset volume control
- Touch tone and 10/20 pps pulse dialing
- Non-volatile memory (no batteries required)
- Restricts fraudulent calls from hand held dialers
- Available in red, ash or custom colors (see below)
- Operates on a CO line or analog PABX/KSU extension
- Optional **Q170600 RINGER** can be added (see below)



K-1900W-2 ASH **K-1900W-2** **K-1900D-2**

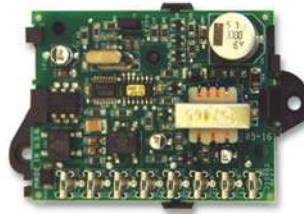
| Model | Description | DOD |
|----------------------|-------------------------|-----|
| K-1900D-2 | Red Hot-Line Desk Phone | 360 |
| K-1900W-2 | Red Hot-Line Wall Phone | 360 |
| K-1900D-2 ASH | Ash Hot-Line Desk Phone | 360 |
| K-1900W-2 ASH | Ash Hot-Line Wall Phone | 360 |

Applications: Courtesy and Emergency Phones Cash Machines
 Customer Service Taxi Service
 Airline/Hotel/Rental Car Reservations Security
 Help Lines POS Displays

Dialer Network

Convert any standard carbon mic handset phone into a single number hot-line phone.

| Model | Description | DOD |
|-----------------|----------------------|-----|
| K-1900-6 | Dialer Network Board | 360 |



Free Programming (100 Unit Minimum)

Viking will program hot-line phones or dialers with any number up to 32 digits or pauses, at no charge (minimum quantity 100).

To learn more, contact us at 715-386-8861.

Electronic Ringer

- Add to the Viking **K-1900W-2** or **K-1900D-2**
- Provides a loud warble each time ring voltage is detected
- Phone line powered

| Model | Description | DOD |
|-----------------------|-------------------|-----|
| Q170600 RINGER | Electronic Ringer | 834 |



Custom Colors for Hot-Line Phones

ANY Pantone color!

Minimum quantity
144 units

Call for more info:
(715) 386-8861



Manual (No Dial) Phones with Ringers

Ringdown, Courtesy or Emergency Phone Applications

These manual phones are compatible with ringdown circuits such as model **DLE-200B** (page 27), dialers such as Viking's **K-1900-5** and **K-1900-30** (page 15) as well as an analog PABX, CO line or FXS port configured as a ringdown circuit.

| Model | Description | DOD |
|----------------------|-----------------------|-----|
| K-1500P-D | Red Manual Desk Phone | 355 |
| K-1500P-W | Red Manual Wall Phone | 355 |
| K-1500P-D ASH | Ash Manual Desk Phone | 355 |
| K-1500P-W ASH | Ash Manual Wall Phone | 355 |



Touch Tone and Pulse Hot-Line Dialers

These analog PABX, CO line or FXS port powered dialers automatically dial the programmed number each time the connected phone goes off-hook.

Model **K-1900-4** provides 10 or 20 pps pulse dialing and automatically dials a 1-16 digit phone number when an associated telephone is taken off-hook.

Model **K-1900-5** provides 1 - 32 digit touch tone dialing and 1 or 4 second pauses. The **K-1900-5** can also help eliminate toll fraud by blocking handheld dialers and "hook-switch" or pulse dialing.



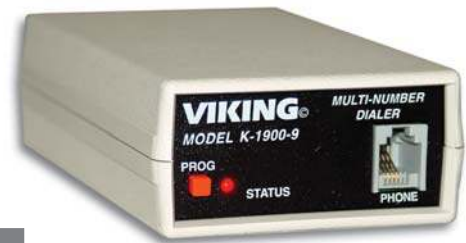
K-1900-4

K-1900-5

| Model | Description | DOD |
|-----------------|---|------------|
| K-1900-4 | Programmable Hot-Line Pulse Dialer | 315 |
| K-1900-5 | Programmable Hot-Line Touch Tone Dialer | 317 |

100 Number Speed Dialer

- Turn any standard phone into a speed dialing phone
- Programmable as a single number hot-line dialer or program as a multi-number dialer
- Local or remote programming with a standard touch tone phone
- AC power allows installation on nearly any analog line
- Use on an analog PABX, CO line, or FXS port
- Stores up to (100) 32-digit phone numbers



| Model | DOD |
|-----------------|------------|
| K-1900-9 | 321 |

Smart Touch Tone Dialer with Redialing

- Add speed dialing features to any analog phone
- Applications include: Parking lot or ramp phones, ATM phones, door entry phones, etc.

When a connected device goes off-hook, the **K-1900-30** automatically dials a 1-20 digit phone number, and can be programmed to call up to 4 additional phone numbers if the line is busy, or is not answered. The **K-1900-30** can be used to add the smart dialing features of a Viking **E-Series** or **K-Series** phones, or any analog phone.



| Model | DOD |
|------------------|------------|
| K-1900-30 | 300 |

2 Input Alarm Dialer / Announcer

- Two normally open or normally closed contact inputs
- 2 messages with 1 minute of record time per input
- Stores up to seven 32-digit phone numbers per input
- In the event that the dialer receives a busy or no answer it will automatically dial up to six more numbers

The **K-202-DVA** is a two input, multi-number auto dialer and digital announcer, designed for emergency and non-emergency message notification. Power supply included.



| Model | DOD |
|------------------|------------|
| K-202-DVA | 305 |

8 Input Alarm Dialer / Announcer

The **K-2000-DVA** is a programmable, eight input, multi-number auto dialer and digital announcer, designed for emergency and non-emergency message notification. It can store up to eight 32-digit numbers per input, for a total of up to 64 different numbers. Locally or remotely record up to eight different messages, with a total record time of eight minutes.

- 8 minutes of record time, 1 minute per input
- Eight inputs
- Programmable message repeat and lap counter
- "Store Caster" mode available



| Model | DOD |
|-------------------|------------|
| K-2000-DVA | 303 |

Automated Message Delivery System

- Stores up to 1000 14-digit numbers and up to 6 groups
- 6 minutes of total record time (1 minute per input)
- Eight normally open inputs for push buttons to activate groups 1-6, "All Call" or "Stop"
- Programmable ring delay, ringback time, and "retry" limit
- Multiple units can be used to form a "phone tree"
- Local or remote programming and recording
- Applications include: Schools, Churches, Businesses, etc.



| Model | DOD |
|-------------------|------------|
| K-6000-DVA | 307 |

NEW SIP / Multicast Paging Adapter with Amplifier

The **PA-IP** is a SIP and/or Multicast Paging Adapter that provides an interface between new VoIP phone systems (hardware or hosted/cloud based) and analog paging systems. The adapter eliminates the need for an ATA or FXS port. The **PA-IP** can be used for standard SIP endpoint paging and/or multicast paging and background music. The unit easily connects with a single CAT5/6 cable from your PoE switch.

- SIP endpoint and/or multicast group member
- PoE powered (class 3, <13 Watts)
- Paging prioritization
- Supports up to 10 multicast paging groups
- Plays audio from multicast
- Relay for activating door locks, strobe lights, external amplifiers, etc.
- Built-in high efficiency 6 Watt class D amplifier can drive up to 6 analog 8 Ohm speakers

| Model | DOD |
|-------|-----|
| PA-IP | 505 |



- Network downloadable firmware
- Support for access code to prevent unwanted SIP calls
- Autoprovisioning via Viking programming software
- Line-level output for connecting to an external amplifier

NEW IP Speaker for SIP Endpoint Paging and/or Multicast Paging / Background Music

The **40-IP** Speaker enables SIP endpoint paging and also allows for standard paging and background music via multicast. The speaker easily connects with a single CAT5/6 cable from your PoE switch. Its shallow depth allows the speaker to be conveniently mounted in a standard 2" x 4" stud wall or ceiling.

- SIP endpoint and/or multicast group member
- Supports up to 10 multicast paging groups
- PoE powered (class 3, <13 Watts)
- Paging prioritization
- Built-in high efficiency 6 Watt class D amplifier can drive up to 5 additional analog 8 Ohm speakers
- Line-level audio output for connecting to an external amplifier
- Network remote speaker volume control
- Autoprovisioning via Viking programming software
- Dimensions: 11" diameter x 4" total depth

| Model | DOD |
|-------|-----|
| 40-IP | 503 |



NEW IP Speaker for SIP Endpoint Paging and/or Multicast Paging / Background Music, and Making Standard or Emergency SIP Calls

The **40TB-IP** Talk-Back Speaker enables two-way conversations via SIP and also allows for standard paging and background music via multicast. The Talk-Back Speaker easily connects with a single CAT5/6 cable from your PoE switch. Its shallow depth allows the speaker to be mounted in a wall or ceiling.

An auxiliary switch input allows a hard wired wall button to initiate a standard or emergency SIP call. Alternately, an optional wireless remote call button can be used (see model **BTR-3** below).

- SIP endpoint and/or multicast group member
- Support up to 10 multicast paging groups
- PoE powered (class 3, <13 Watts)
- Paging prioritization
- Automatic Noise Canceling (ANC) feature for clear audio - even in noisy environments
- Relay for activating door locks, strobe lights, external amplifiers, etc.
- Line-level audio output for connecting to an external amplifier
- Autoprovisioning via Viking programming software
- Built-in high efficiency 6 Watt class D amplifier can drive up to 5 additional analog 8 Ohm speakers
- Selectable auto-answer feature for monitoring
- Network and optional wireless remote volume control
- Automatic Gain Control (AGC) to automatically increase ring volume to compensate for ambient noise
- Dimensions: 11" diameter x 4" total depth

| Model | Description | DOD |
|---------|----------------------|-----|
| 40TB-IP | IP Talk-Back Speaker | 502 |
| BTR-3 | Wireless Remote | 502 |

(front view)



(side view)

Model BTR-3 Wireless Remote

Initiates standard or emergency SIP calls and controls volume. Sold separately.



2 Watt Paging Amplifier / Multi-Line Loud Ringer

- For PABX and FXO applications
- Drives up to three 8 Ohm paging horns or speakers

The **PA-2A** monitors up to 6 analog lines for ringing or can be activated by a phone system contact closure. A loud electronic warble (108 dB @ 1 meter), double gong, quadruple chime or a door chime can be selected to announce incoming calls. To page, connect to a paging port, unused trunk input, or FXO port on a phone system. The unit provides 2 Watts of power - enough to drive three 8 Ohm speakers. The **PA-2A** has an input for a loud ringing on/off switch, an output for controlling a 12 Volt relay and a 600 Ohm output for sourcing high powered paging amplifiers.

The **PA-2A** includes one **25AE** paging horn and power supply. For additional ceiling speakers and paging horns use models **25AE**, **30AE**, **35AE**, **40AE**, and **300AE** (see page 20 for specifications).

| Model | DOD |
|--------------|------------|
| PA-2A | 485 |



15 Watt General Purpose Telecom Paging Amplifier

- Supports background music and loud ringing
- For Centrex, PABX, FXO and FXS applications
- Drives up to (15) 8 Ohm paging horns or speakers

The **PA-15** allows paging from a Key or PABX paging port, an unused trunk input or FXO port (provides 36 Volts of talk battery), or a ringing analog PABX station, Centrex, CO line or FXS port. The **PA-15** can disconnect on CPC, busy, silence or a 16 to 72 sec (defeatable) timer. The **PA-15** can provide an alert tone prior to paging. Background music (muted during page) can be added from an external source. Four electronic tones are available for loud ringing. Power supply included.

For ceiling speakers and paging horns use models **25AE**, **30AE**, **35AE**, **40AE**, and **300AE** (see page 20 for specifications).

| Model | DOD |
|--------------|------------|
| PA-15 | 486 |



30 Watt Professional Telecom Paging Amplifier

- For PABX and FXO applications
- Drives up to (30) 8 Ohm paging horns/speakers or (50) 70V or 25V speakers

The **PA-30** provides paging from the phone system paging port or connect to an unused trunk input or FXO port (provides 40 Volts of talk battery). The **PA-30** has separate inputs and volume controls for paging, auxiliary source, loud ringing and background music. A contact closure or ringing line can activate loud ringing. A warble, double gong, quadruple chime or door chime sound can be selected. The **PA-30** also has inputs for a night transfer (loud ringing) on/off switch. The **PA-30** has a 600 Ohm output to drive additional amplifiers. Electronic switching eliminates pops and clicks. Power supply included.

For ceiling speakers and paging horns use models **25AE**, **30AE**, **35AE**, **40AE**, and **300AE** (see page 20 for specifications).

| Model | DOD |
|--------------|------------|
| PA-30 | 489 |



60 Watt Compact 1 or 2 Zone Power Amplifier

- Add 60 Watts of total paging power to two separate zones
- Drives up to (60) 8 Ohm or (100) 70V or 25V speakers

The **PA-60** boosts the power output of smaller paging systems by 60 to 100 speakers. Since each input has its own gain adjustment, one zone can be turned up louder for warehouse paging horn speakers, and the other zone can be turned down for office ceiling speakers. Two zones can also be helpful for installations in which one group of speakers is connected to a source that provides background music using the Viking **PI-1A** (page 19) paging interface unit, and the other zone provides only paging.

The **PA-60** inputs are transformer coupled so they are floating and isolated. Connect to line level audio or direct to an existing paging amp output. Power supply included.

For ceiling speakers and paging horns use models **25AE**, **30AE**, **35AE**, **40AE**, and **300AE** (see page 20 for specifications).

| Model | DOD |
|--------------|------------|
| PA-60 | 493 |



Self-Amplified Paging System

The **SA-25** Self-Amplified Paging control unit interfaces with virtually any telecom or IP phone system with a paging port, a ringing analog FXS or an FXO port. The system can provide background music from an external source and generate loud or night ringing from a ringing analog station or phone system contact closure. The **SA-25** control unit is backwards compatible with the older Legacy Valcom® and Bogen® 4-wire self-amplified speakers.

The **SA-25** can directly drive a combination of up to 25 self amplified Viking 2-wire and/or older Legacy 4-wire self-amplified speakers. One **SA-1R** remote and power supply included.

Includes one SA-1R remote



| Model | DOD |
|-------|-----|
| SA-25 | 520 |

SA-25 Brochure DOD 902

Infrared Remote for Self-Amplified Paging System

Model **SA-1R** is a three button infrared remote control for use with model **SA-1S** and **SA-1H** self amplified paging speakers (below). Aim the infrared transmitter at the speaker. The up/down buttons allow users to set the appropriate volume level for each room, while the mute button eliminates just background music or all sounds.

| Model | DOD |
|-------|-----|
| SA-1R | 527 |



Infrared Remote Controlled Self-Amplified Speaker

Model **SA-1S** is an 8 inch paging speaker that has a built in 1.5 Watt power amplifier, an infrared remote control detector, and an integrated digital volume control, all built into an attractive off-white grill for flush mounting in office ceilings. The **SA-1S** self-amplified paging speaker uses a proprietary two wire protocol in which both 40 Volts DC power and audio are combined on the same pair of wires. Connect only to Viking model **SA-25** controller or use the **SA-X12** expander to connect to any paging system.

| Model | DOD |
|-------|-----|
| SA-1S | 525 |



Infrared Remote Controlled Paging Horn

The Viking model **SA-1H** is a 5 inch paging horn that includes a 1.5 Watt power amplifier, an infrared remote control detector, and an integrated digital volume control. The **SA-1H** self amplified paging horn uses a proprietary two wire protocol in which both 40 Volts DC power and audio are combined on the same pair of wires. It is designed for direct connection to the Viking model **SA-25** Controller or **SA-X12** Expander.

| Model | DOD |
|-------|-----|
| SA-1H | 526 |



Self-Amplified Paging Expander/Adapter

Model **SA-X12** is a cost effective way to expand an existing paging system while adding remote control. Connect the **SA-X12** to any existing paging audio (600 Ohms, 25V, 70V, 4, 8, or 16 Ohms or an **SA-25** controller) and add up to (12) **SA-1S** or **SA-1H** speakers. Power supply included.

| Model | DOD |
|--------|-----|
| SA-X12 | 529 |



Anti-Feedback Paging Interface

- Eliminate the feedback “squeal” when paging
- Compatible with paging ports or trunk (FXO) ports
- High quality (80K/40K) digital message storage
- High output: 2V RMS into 600 Ohms

Your paging amplifier can be turned up to any level and your phones can be located anywhere, even directly under a high-power paging horn. A contact is provided to activate the amplifier, if needed. Power supply included.

| Model | DOD |
|--------|-----|
| FBI-1A | 465 |

HOW IT WORKS: The “live” page is digitally recorded. When complete, the paging amplifier is activated and the page is replayed once or twice.



Handsfree Talk-Back Paging System

- Improved audio circuitry including automatic gain control for talk-back audio
- 3 Watts of paging power
- Interface with unused trunk (FXO) ports, single line phones, and phone systems with a two-way paging port
- Page alert tone
- “Push-to-Talk” feature
- 28V DC talk battery
- Background music input
- 25-50 ft talk-back range
- Power supply included
- (1) 25AE Paging Horn included (page 20)

| Model | DOD |
|-------|-----|
| HF-3W | 470 |



Night Bell Over Existing Paging System

Connect to the night service line to provide electronic warble tone over an existing paging system whenever ring voltage is detected. The **K-600F** has both tone and level adjustments and provides a relay contact for muting music or external signalling devices, 120V bells, strobe lights, chimes, etc. The **K-600F** operates on any analog line that provides a minimum of 40V ringing. For generating audible tones from a contact closure use model **PA-2A** (page 17) or **PI-1A** (below). No power supply required.

| Model | DOD |
|--------|-----|
| K-600F | 476 |

Applications Include: Offices, Warehouses, Factories, Clinics – anywhere people may be working after the receptionist goes home



NEW Universal Telecom Paging Interface

The **FXI-1A** provides normally open or normally closed relay contacts to activate the paging amplifier or connect to an external background music source. After paging, the **FXI-1A** automatically disconnects on CPC, busy signal, silence or adjustable timer. An electronic night bell over paging feature can be activated from a momentary contact closure. Power supply included.

| Model | DOD |
|--------|-----|
| FXI-1A | 483 |

- Select: FXO (loop start), FXS (ring trip) or paging port (VOX relay) interface mode
- 30V talk battery for use with an FXO port or unused trunk input
- 600 Ohm volume controlled floating output - mutes music during page



Page Port/Trunk Input/FXO Paging Interface

Provides paging using phones (instead of a microphone) over a PA audio system. VOX relay contacts mute background music for phone systems that don't provide a paging contact (Panasonic®, S.W. Bell®, Intertel®, etc.). If a Paging Port is not available, use an unused trunk input or FXO port. Power supply included.

| Model | DOD |
|-------|-----|
| PI-1A | 491 |

- Night Bell
- Mutes music
- 600 Ohm output
- VOX switching
- Provides talk battery for connecting to an unused trunk input or FXO port



Audio Isolation Board

- Eliminate ground loop hum in paging systems
- Consolidate two audio sources into one
- Excellent sound quality
- Daisy chain a paging system speaker output into a second power amplifier's input
- Inputs available on screw terminals, RCA jack, and modular jack
- Outputs available on screw terminals and RCA jack
- Line level output
- Wall mount with foam tape and screws

| Model | DOD |
|-------|-----|
| AIB-1 | 259 |



4 Zone Paging Controller

- Switches line level signal to amplifiers
- Switches amplified signal to speakers
- Expand to 8 zones using 2 units
- All-call and group call patterns
- Balanced audio circuitry for low noise
- Input provided for background music

The **ZPI-4** paging system is capable of switching a line level signal (600 Ohms) to amplifiers or an amplified signal to 70V or 8 Ohm speakers. The **ZPI-4** features separate level controls for paging and background music (can be disabled on a per-zone basis). Also provided is a night bell with adjustable volume activated by a dry contact closure or a ringing analog PABX/KSU/FXS station.

| Model | DOD |
|--------------|------------|
| ZPI-4 | 499 |

The **ZPI-4** is compatible with ringing analog PABX/KSU/FXS station ports as well as unused trunk inputs, and will interface directly with standard paging ports.

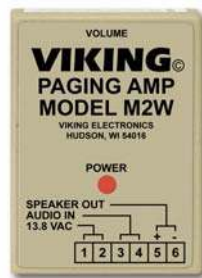


Compatible with models (page 17):
PA-2A PA-15 PA-30 PA-60

Loud Call Announce / Ringing Amplifier

- Amplify key phone paging and ringing
- Add speakers to fully loaded paging systems
- Adjustable volume control
- Powers up to three 8 Ohm speakers
- Screw terminal connections
- Power supply included
- One **25AE** Paging Horn included

| Model | DOD |
|------------|------------|
| M2W | 480 |



Single Line Smart Loud Ringer

- Operates from a ringing analog line or a contact closure
- Four tones: Warble, Double Gong, Quadruple Chime, Electronic Bell
- Provides a door chime tone for either a doorbell, door open or "Push for Assistance" sensor
- Power supply included

| Model | DOD |
|-------------|------------|
| SR-1 | 477 |



- 90 dB @ 1 meter, 105 dB with external **25AE** (sold separately)

SIP Loud Ringer with Red LED

- Automatic Gain Control (AGC) compensates for ambient noise level
- PoE powered (class 2, < 6.5 Watts)
- SIP Compliant
- Relay output to trigger remote Viking **SL-2** Strobe Light or **LPL-1** Visual Ring Indicator (each sold separately)
- Remote ring volume control from PC

| Model | DOD |
|--------------|------------|
| SR-IP | 577 |



- LED flashes for visual ring indication

Paging Speakers and Paging Horns



Models: 30AE 35AE 40AE 25AE 300AE

30AE: 6 Watt 8 Ohm ceiling speaker with mounting hardware included

35AE: 6 Watt 8 Ohm ceiling speaker with volume control and mounting hardware included

40AE: 15 Watt 8 Ohm ceiling speaker with a modern look, excellent sound quality, and integral mounting system. Ideal for offices, reception areas, etc.

25AE: 12 Watt 8 Ohm compact paging horn

300AE: 30 Watt 8 Ohm / 70 Volt paging horn for additional volume and voice intelligibility

| Model | Description | DOD |
|--------------|---|------------|
| 30AE | 8 Ohm Ceiling Speaker | 498 |
| 35AE | 8 Ohm Ceiling Speaker with Volume Control | 498 |
| 40AE | 8 Ohm Modern Ceiling Speaker | 498 |
| 25AE | 12 Watt 8 Ohm Paging Horn | 498 |
| 300AE | 30 Watt 8 Ohm / 70V Paging Horn | 497 |

Tile Bridge

Use when mounting Viking ceiling speakers on 2' x 2' or 2' x 4' ceiling tiles

| Model | DOD |
|---------------|------------|
| SA-TBA | 534 |



Compatible Viking models: **SA-1S, 30AE, 35AE** or **40AE** ceiling speakers

Speaker Volume Control

Adjust the volume of individual paging horns, ceiling or wall speakers. Compatible with Viking 1-way paging amplifiers or any 8 or 16 Ohm or 25 Volt paging system. Mounts in standard single gang electrical box.

| Model | DOD |
|--------------|------------|
| SV-5W | 488 |



Not recommended for 2-way (talkback) paging applications.

Clock Controlled Tone Generator Over Paging

- Timed single, double, or triple bong, or buzzer tones
- Alarm and standard NFPA/ANSI evacuation tones
- Easy to program, easy to change
- Programmable day of week on/off feature

Provides your paging system with up to 128 timed alert tones per 24 hour period. Different alert tones may be used to indicate start or end of shift, break, lunch, etc. Dry contact closures can activate alarm, fire, evacuation etc., sounds over paging.

A door chime is also available for night ring or doorbell. These sounds can be activated remotely via a telephone using Viking **RC-3** (page 39). Use with the **DVA-2WA** (page 26) for timed announcements. Power supply included.

| Model | DOD |
|-------|-----|
| CTG-1 | 460 |



Emergency Mass Notification/Evacuation Announcer

- Includes 10 different tones and 5 different pre-recorded messages
- Securely activate, reset, or live page from a remote phone
- Connect to a phone line, FXS/FXO port, PABX station, or trunk port

The **DNA-510** is a digital mass notification announcer, capable of providing up to 2 minutes of digitally recorded voice emergency instructions and alert tones over your existing paging system. When activated, the **DNA-510** will interrupt any current paging or background music and inject alert tones, emergency instructions, or a live page over your paging system. Compatible with the Viking **PA-2A**, **PA-15**, **PA-30**, **PA-60** (page 17) or any paging amplifier. Power supply included.

| Model | DOD |
|---------|-----|
| DNA-510 | 492 |

| | | | | | |
|---------------------------------|-----------|--------------|-------------------|---------------|------------------------------|
| Alert Tone Applications: | • Fire | • Evacuation | • Severe Weather | • Flash Flood | • Hazardous Material Release |
| | • Tornado | • Lockdown | • Terrorist Alert | • Bomb Threat | • All Clear |



Single Line Paging Controller / 2 Watt Amplifier

Add paging, phone-to-phone intercom, and door chime to your whole house audio system

The **SLP-1** allows the user to page family members or co-workers from any phone in your home or small business. Pages are heard over the same speakers installed for multi-zone music distribution. Music is muted during the page and optionally during phone calls.

| Model | DOD |
|-------|-----|
| SLP-1 | 478 |

The **SLP-1** can provide ringing and door chime over the system. An input for a lighted doorbell switch and an output for 12 Volt trigger or relay contact is provided. Power supply included.



Add Paging and Door Chimes to a Whole House Audio System

- Select from 8 preloaded CD quality sounds
- Download your own custom WAV files via a USB port
- Page from multiple lines by connecting multiple units

The **SLP-4** Single Line Paging controller will allow you to page family members or co-workers from any phone in your home or small business. The pages can be heard over the same speakers that are installed for multi-zone music distribution.

The **SLP-4** provides inputs for 4 lighted doorbell switches. The inputs select different sounds from a library of preloaded recordings or users may record their own sounds. When the doorbell switch is pressed, or the user pages, the music is muted while the appropriate sound or page is heard over the system speakers.

| Model | DOD |
|-------|-----|
| SLP-4 | 479 |

The **SLP-4** connects in series with a single existing phone line and features a built-in 2 Watt amplifier, stereo pre-amp output, music on hold input, intercom features, and selectable loud ringing. Power supply included.



Preloaded CD Quality Sounds:

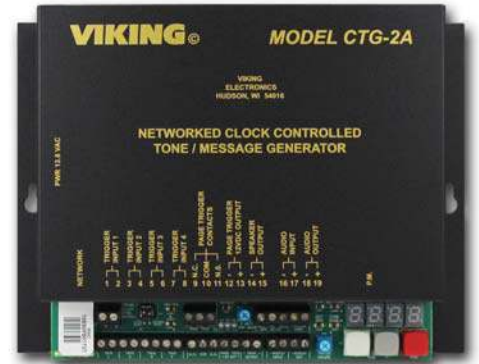
- Westminster chimes
- Door knocking
- Wind chimes
- Alert tones
- Barking dog
- Goblet chime
- Ding-dong
- Triangle

Master Clock/Networked Clock Controlled Tone Generator Over Paging System

- Accurate time base synchronizes periodically with your network or internet time
- Can also be used as a Master Clock to synchronize Viking **CL Series** clocks
- Automatic daylight savings time and leap year correction

Features:

- Up to 14 schedules and up to 1000 events
- 6 minutes of CD quality WAV file record time
- Pre-loaded with common school, business and factory alert tones or program with your own messages/tones over your network
- 4 inputs for triggering emergency fire evacuation, severe weather, lock down and all clear alert tones or messages
- RS-485 output for communicating time sync data when used with Viking **CL Series** wireless analog and digital clocks (below)



The **CTG-2A** is a networked clock controlled tone/message generator designed to provide accurately timed tones and/or messages over your existing paging system. This provides a cost effective way of signaling school period changes, factory shifts, breaks, lunch periods or providing messages at specific times for store sales, promotions, closing times, airport loading zones, etc. The **CTG-2A** can also be used as a master clock to automatically synchronize Viking **CL Series** clocks. The **CTG-2A** comes with programming software and an Ethernet port to allow PC programming of timed events, schedules, network or internet time synchronization, wave file download, message volume, daylight savings time, leap year, auxiliary relay control, etc. Power supply included.

| Model | DOD |
|--------|-----|
| CTG-2A | 464 |

Wireless Synchronized Clocks, RF Transmitter, and Accessories

All clocks have built-in ¼ Watt repeaters capable of retransmitting the clock sync signal up to 500 ft in open space

Add your own logo!
(call for details)

Viking's Wireless Clock System provides reliable, accurately synchronized clocks for your entire facility. Eliminating dedicated clock wiring can save you thousands of dollars on installation and also allows for easy retrofitting. The system is comprised of a **CTG-2A** master clock, a **CL-RFT** clock RF transmitter, and Analog or Digital wireless clocks. The clocks will always display the correct time via updates from the **CTG-2A**.



RF Transmitter/Repeater

The **CL-RFT** transmitter receives time sync data from the **CTG-2A** and transmits to the clocks via 915 to 928 MHz frequency hopping technology. Powerful 1 Watt (30dBm) output communicates up to 6,500 ft. in open space. It can also be configured as a repeater for larger spaces. No FCC license required. Dimensions 11" x 8" x 1.7".



Digital Clocks

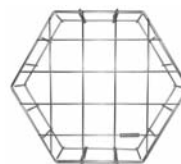
Wireless bright digital clocks require 120 Volt AC outlet (power supply included). The clocks are updated every minute from the **CTG-2A**. Viking offers a digital clock with a 2.5" tall display (**CL-D2**) and a 4" tall display (**CL-D4**). Shown with optional double mount bracket **CL-DMD2** or **CL-DMD4**.



Analog Clocks

Wireless analog clocks are battery operated and require no wiring. Battery life using two D size Duracell Procell batteries is more than 5 years. The clocks are updated every 4 hours from the **CTG-2A**. Clocks can be located up to 6,500 ft. from the **CL-RFT** transmitter/repeater or up to 500 ft. from another synchronized clock.

Viking offers analog clocks in 12" diameter (**CL-A12**) and 16" diameter (**CL-A16**). Shown left with optional double mount bracket **CL-DMA12** or **CL-DMA16**.



Wire Guards

Add protection to your 12" or 16" analog clock with a sturdy wire guard, model **CL-WGA16**.

Protect your digital clocks with model **CL-WGD4**.

| Model | Description | DOD |
|----------|------------------------------|-----|
| CTG-2A | Master Clock | 464 |
| CL-A12 | 12" Analog Clock | 466 |
| CL-A16 | 16" Analog Clock | 466 |
| CL-D2 | 2.5" Digital Clock | 466 |
| CL-D4 | 4" Digital Clock | 466 |
| CL-DMA12 | 12" Double Mount (Analog) | 466 |
| CL-DMA16 | 16" Double Mount (Analog) | 466 |
| CL-DMD2 | 2.5" Double Mount (Digital) | 466 |
| CL-DMD4 | 4" Double Mount (Digital) | 466 |
| CL-RFT | RF Transmitter/Repeater | 466 |
| CL-SMD2 | 2.5" Surface Mount (Digital) | 466 |
| CL-SMD4 | 4" Surface Mount (Digital) | 466 |
| CL-WGA16 | 16" Wire Guard (Analog) | 466 |
| CL-WGD4 | 4" Wire Guard (Digital) | 466 |

CAUTION: **CL Series** clocks cannot be used as stand alone clocks. They must be used in conjunction with a **CTG-2** or **CTG-2A** master clock and one or more **CL-RFT** transmitters.

Phone Line Powered Remote Access Device

- Programmable security code and access code
- Separate 600 Ohm audio and telephone line output
- Programmable call timer and silence time-out
- Relay contacts available for systems that need a dry contact closure

The **RAD-1A** remote access device gives authorized users remote access to one way paging amplifiers, digital announcers, and other audio programs. A programmable access code prohibits access by unauthorized users. The **RAD-1A** answers on the first ring and disconnects on CPC, call time out, silence time out, busy, or by dialing #7. Separate 600 Ohm audio and telephone line outputs are provided, allowing connection to audio amplifiers, digital announcers, or phone systems.



| Model | DOD |
|--------|-----|
| RAD-1A | 410 |

- Remote Access to:**
- Paging systems, such as Viking models: PA-2A, PA-15, PA-30, PA-60 (page 17)
 - Advertisements, radio, or church programs
 - Digital announcers
 - Audio monitoring for security purposes
 - For more applications see DOD 874

Amplified Remote Access Device

The **RAD-AMP** extends the usefulness of your phone system to remote employees, as well as providing call forwarding to remote employees or locations.

As a Telecommuting Extender, the **RAD-AMP** gives remote workers access to most PABX/KSU features from their home or cell phone. The home based employee hears a special tone when answering and has the option of taking the work related call. Remote call center personnel can "Log-In" and Log-Out" or change their forwarding number as their location changes. Using touch tones, remote workers can use phone system features to transfer the call to another extension or voice mail, start a conference call, generate a page or any other feature available to an analog PABX/KSU extension.

As a Line Extender, the **RAD-AMP** provides authorized users remote access to PABX, Centrex or Electronic Key system features.

| Model | DOD |
|---------|-----|
| RAD-AMP | 415 |



- Modes of Operation**
- Telecommuting Extender
 - Line Extender
 - Call Diverter

As a Call Diverter, the **RAD-AMP** provides call forwarding from one location to another. After detecting an inbound call, the **RAD-AMP** accesses a second phone line, dials a pre-programmed touch tone number, and then bridges the two lines.

Service Observation Unit

Monitor, train, motivate, even assist your personnel or customer service staff without disrupting the activity at their work station. Each **SO-24A** Service Observation Unit lets you access 24 stations (up to 240 with 10 units) or phone lines by dialing a two to four digit code from any supervisory phone. The station being monitored hears nothing; however, a supervisor can quickly enter the conversation by dialing a "*". A cassette recorder output permits selective recording by simply dialing a "9". Alternatively, all monitored conversations may be recorded. Power supply included.

- Built-in "Talk Assist" feature
- Automatic gain control equalizes in and outbound conversation levels
- Call progress tones for observing supervisor

| Model | Description | DOD |
|----------|--------------------------|-----|
| SO-24A | Service Observation Unit | 690 |
| SO-24 AK | Digital Adapter Kit | 819 |

Can be configured for digital phones by using a **SO-24 AK** Digital Adapter Kit, sold separately.

For more info, see DOD 819.



Automated Call Attendant



The **ACA-1A** is a single-port Automated Attendant with a user recordable digital voice announcer.

One minute of non-volatile digital memory is available to provide a greeting and a menu of up to 10 departments or extensions.

| Model | Description | DOD |
|---------------|----------------|------------|
| ACA-1A | Call Attendant | 005 |

Door Bell Button Panel

- Fits any standard single gang box
- Panels are made from durable plastic
- Weather resistant gasket included
- Screw terminals on button for easy wiring
- Use with the Viking model **VE-3x5** enclosure for surface mounting, sold separately (see page 31)



DB40-BN



DB40-WH

| Model | Finish | DOD |
|----------------|------------|------------|
| DB40-BN | Dark Brown | 189 |
| DB40-WH | Off-White | 189 |

Handset Interfaced Touch Tone Keypad

- Easily connects in series with handset and headsets or interfaces directly to tip & ring with optional adapter kit (sold separately)
- Provides DTMF signaling across a dry pair of wires for in-house applications
- Compatible with console phone aux handset jacks
- Powered by 9V battery (included) or optional **PS-1A** 13.8V AC adapter (sold separately)
- "Battery OK" LED indicator



| Model | Description | DOD |
|-------------|----------------|------------|
| HD-1 | Handset Dialer | 405 |

Line Status Monitor System



- Visual status for up to 24 analog lines or stations (idle, in-use, ringing)
- Programmable ring indication per-line
- Displays require only a single pair of wires
- Adjustable audio volume

| Model | Description | DOD |
|---------------|---------------------|------------|
| LM-24D | Line Status Display | 670 |
| LM-24M | Line Status Monitor | 670 |
| LM-24S | Line Status System | 670 |

Toggle Switch



The **NS-1** is a simple on-off toggle switch mounted in a convenient plastic case. The **NS-1** can be used with Viking products that have a "Night Switch" input or any product that requires an external switch closure. The **NS-1** is easy to install almost anywhere: in a phone closet or at a front desk. The **NS-1** has 24" wires and comes with two quick connectors.

| Model | Description | DOD |
|-------------|---------------|------------|
| NS-1 | Toggle Switch | 540 |

Privacy Devices



Viking's Teleguard products protect the device that accesses the telephone line first by denying other Teleguard equipped devices access to the line until the call in progress has been terminated.

| Model | Description | DOD |
|--------------|----------------------|------------|
| PC-7 | Privacy Cord | 560 |
| PJ-14 | Two Line Device | 560 |
| TG-1 | For Punch Down Block | 560 |
| TG-2 | Modular Device | 560 |

Telecom Recorder Kit



The **PTR-1** is designed to work with standard digital or tape recorders with built-in VOX and AGC circuits. The **PTR-1** allows you to record:

- All conversations on a particular phone line
- Only conversations on your particular analog or digital telephone set
- Only selected conversations - using the recorder controls

| Model | Description | DOD |
|--------------|----------------------|------------|
| PTR-1 | Telecom Recorder Kit | 438 |

12 Line Call Sequencer



12 Line Ring Generator



The **TMS-12A** Call Sequencer answers calls promptly and professionally. Eliminates "ring, no answer" during busy periods without hiring additional staff.

| Model | Description | DOD |
|----------------|----------------|------------|
| TMS-12A | Call Sequencer | 070 |
| SQRG-12 | Ring Generator | 060 |

Telephone Line Toll Restrictor

- 0.5 to 49.5 minute call timer with disconnect
- 6-digit bypass code
- Allows emergency and toll free numbers
- Programmable to ignore phone system line access numbers
- Programmable allow or restrict table stores up to forty 12-digit phone numbers, prefixes or area codes



| Model | Description | DOD |
|-------------|-----------------|------------|
| TR-1 | Toll Restrictor | 705 |



Loop Detector Board

The **LDB-1** provides a contact closure when used in series with telecom devices on an analog phone line. Analog PABX, CO line or FXS port powered. Optional PS-2 power supply for switched power, sold separately.



| Model | DOD |
|-------|-----|
| LDB-1 | 406 |

Panasonic® Doorphone Station Adapter

The **PAN-1** allows a Viking speaker phone (**E-10A, E-20B, E-30, E-35, E-40, E-50, E-60, E-65, E-70, E-75**, etc. pages 41-43) to be connected in place of Panasonic® KX-T30865 or KX-T7775. Power supply included.



| Model | DOD |
|-------|-----|
| PAN-1 | 145 |

Loop and/or Ring Detector

The **LDB-2** Ring/Loop Detector monitors an analog phone line for ringing and/or in use condition. Two sets of relay contacts are activated when these conditions are detected. When monitoring for ring, the relay can be adjusted to stay on steady or follow a ring cadence. A 12 Volt output is provided. Power supply included.



| Model | DOD |
|-------|-----|
| LDB-2 | 408 |

Line Powered Loud Ringer

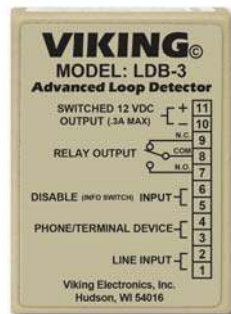
This auxiliary electronic ringer operates on any analog line that provides a minimum of 40 Volts 20-30 Hz AC ring voltage. Nominal 3 KHz warble provides up to 92 dB SPL @ 1 meter. The **LPR-1** can be connected via screw terminals or modular RJ-11 jack. A volume control and a 7 foot modular cord are provided. No power supply is required.



| Model | DOD |
|-------|-----|
| LPR-1 | 550 |

Advanced Loop and/or Ring Detector

The **LDB-3** monitors an analog phone line, PABX or FXS line and provides a normally open or normally closed contact during ringing, off hook, or both. The unit can also provide a 12V DC 350 mA output for strobe lights.

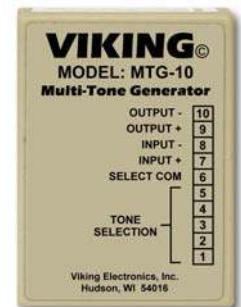


The **LDB-3** can follow the ring cadence or stay on steady during ring. It can be set up not to activate from "Info" button on two-button phones, ie: Viking model **E-1600-20A** (page 8). Power supply included.

| Model | DOD |
|-------|-----|
| LDB-3 | 409 |

Multi-Tone Generator

The **MTG-10** can be connected to a paging source, phone system's paging port or background music. When a contact closure is provided to one of the inputs, the paging or background music is faded out and the appropriate tone is generated over the paging system. The siren and the evacuation whoop have priority and override any other tone.

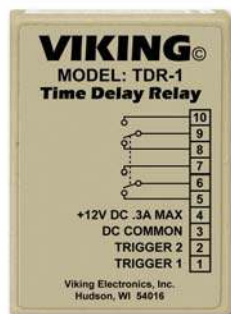


The **MTG-10** can be configured to provide a tone every 15 seconds to notify callers that the call is being recorded. Power supply included.

| Model | DOD |
|--------|-----|
| MTG-10 | 482 |

Time Delay Relay

The **TDR-1** can be programmed to produce one of 8 closure times from 0.5 to 20 seconds. It can also be set up as a delay on operate relay. The **TDR-1** accepts positive or negative-going logic level voltage or a contact closure.

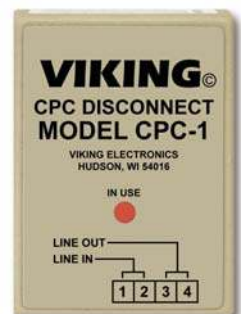


Features selectable time delay and LED status indicator. Power supply included.

| Model | DOD |
|-------|-----|
| TDR-1 | 421 |

Generate a CPC Disconnect

The **CPC-1** and **CPC-4** provide a momentary (1 second) break in the line current to signal telephone equipment the calling party has hung up. They generate the disconnect signal after detecting busy, fast busy, return to dial tone, or silence. Available in 1 line (**CPC-1**) and 4 line (**CPC-4**) configurations. Phone line powered.



| Model | Description | DOD |
|-------|-------------|-----|
| CPC-1 | 1 Line | 442 |
| CPC-4 | 4 Line | 444 |

Automated Receptionist

The **AR-1** is a digital call screening and messaging system designed to answer calls with a greeting, then let callers ring through to talk to someone live, select from prerecorded messages or hang up.

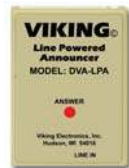
| Model | DOD |
|-------|-----|
| AR-1 | 105 |



Phone Line Powered Digital Announcer

The **DVA-LPA** is an economic digital voice announcer specifically designed for applications requiring simple ring trip announcements.

| Model | DOD |
|---------|-----|
| DVA-LPA | 128 |



Time and Temperature Announcer

The **DVA-TNT** provides a user recorded announcement along with the time of day and outdoor temperature.

| Model | DOD |
|---------|-----|
| DVA-TNT | 129 |



Professional Digital Voice Announcer / Recorders

Applications Include: ACD, UCD, Intercept, Hotel / Motel Wake Up, Night Answer, Ski Resorts, Movie Theaters, Work Schedules, School Closings, Out of Service, etc.



Model DVA-500A

- Single 1 minute channel
- Ring trip or 4 wire E&M
- Local or remote recording
- Power supply included



Model DVA-1003B

- 3 independent 1 minute channels
- Ring trip or 4 wire E&M
- Local or remote recording
- Announcer cycles automatically, adjusts to message length
- Power supply included



Model DVA-3003

- 3 independent 1-4 minute channels
- Or a single 12 minute channel with optional **ERAM-60** expansion chips (see below)
- Ring trip or 4 wire E&M
- Local or remote recording
- Power supply included

| Model | Description | DOD |
|-----------|---|-----|
| DVA-500A | Digital Announcer (1 minute) | 115 |
| DVA-1003B | 3-Channel Digital Announcer (1 minute per channel) | 125 |
| DVA-3003 | 3-Channel Digital Announcer (1-4 minutes per channel) | 127 |

Hotel / Motel Wake Up Application:
See model **PB-100** (page 38)

Standard Carbon Handset

For voice recording on Viking products.

| Model | Description |
|---------|----------------|
| Q171030 | Carbon Handset |



Memory Expansion Chip

Expand record memory of the **DVA-3003**.

| Model | Description | DOD |
|---------|-------------------------|-----|
| ERAM-60 | 1 Minute Expansion Chip | 813 |



Use with model **DVA-3003**

Digital Voice Announcer with 7.5 Minutes of Record Time

- 2 Watt amplifier for use in conjunction with paging speakers and horns
- AGC for recording from handset, tape, CD, PC soundcard, etc.
- 4 professional on-hold messages included
- Recording can be on-site or in a professional studio
- Power supply included



The **DVA-2WA** is a digital announcer/recorder with a built in 2 Watt amplifier. Designed to provide music and promotion on hold, the **DVA-2WA** can playback in a continuous loop or alternate between promotions and an auxiliary music source at 2 second to 30 minute intervals. Any number of multiple messages may be recorded.

Applications Include

- On-Hold Promotion Messages and Background Music
- Message Repeater for: Airports, Museum and Information Displays, Car Rental, Moving Sidewalks, Amusement Parks, etc.

| Model | DOD |
|---------|-----|
| DVA-2WA | 110 |

Customer Favorite Application:
Play Brahms Lullaby over a paging system to announce a new birth! (DOD 865)

Two-Way Ringdown Circuit

Features

- Standard or distinctive ringing
- Precise dial tone
- 32V talk battery
- 20 Hz/2 REN ring output
- 0.15 or 2 second CPC
- Prison phone mode



The **DLE-200B** Line Simulator produces two-way communication between standard telecom products such as key systems, PABXs, fax machines, modems, dialogic cards and standard single line phones without phone lines. Power supply included.

Applications

- Dedicated point-to-point communication
- Demonstrate and program equipment
- Prison phones
- Inter-system communication

| Model | DOD |
|-----------------|------------|
| DLE-200B | 605 |

Advanced Two-Way Ringdown Circuit

- 911 mode for classroom training
- Provides name and number caller ID
- Touch tone detection or standard Ringdown
- Produces precise dial tone, ringback, busy, reorder, and S.I.T. tones
- Audio jack for amplified speaker or loading voice mail systems



The **DLE-300** simulates loop start phone lines and allows two-way communication between telecom devices or systems. It provides standard or distinctive ringing (6 REN) and 40 Volts talk battery. Power supply included.

| Model | DOD |
|----------------|------------|
| DLE-300 | 607 |

Maximum loop length per port:
7,000 feet using
24 gauge twisted pair

Four Port Auto Routing Switch

- Routes calls via CNG tone, distinctive ringing, touch tones sent by calling device or manually
- Allows any four analog devices to share a single line
- Ports are balanced to prevent noise on long runs
- Caller ID information is stored and retransmitted during transfer
- Provides realistic ring-back tones while re-ringing selected device
- Compatible with high speed modems



- Automatic "privacy" eliminates interruptions on both in and outbound calls
- Monitors for calling party control (CPC)
- Power supply included

| Model | DOD |
|------------------|------------|
| FAXJ-1000 | 261 |

Talk Battery and Ringing Power Supply

The **PS-48-RGA** power supply provides talk battery plus standard ring voltage where and when needed. Housed in a convenient wall mount enclosure, the **PS-48-RGA** comes complete with a plug-in power supply. The **PS-48-RGA** will provide telephone communication equipment with 48V DC talk battery. In addition, the **PS-48-RGA** will produce 90V 20 Hz sine wave ring voltage rated up to 10 REN. This allows a phone system to sequence up to 30 ringing phones.



Applications Include

- Electronic Key Systems
- Paging systems
- OPX's

| Model | DOD |
|------------------|------------|
| PS-48-RGA | 515 |

Power Fail Bypass Unit

Continue to receive your calls, even if the phone system is down. The **PF-6A** bypass unit connects 6 standard single line station phones directly to the CO lines. When the system is restored, calls in process will not be interrupted. The **PF-6A** bypass unit will reconnect the phones to their station circuit only after they become idle. Power supply included. Model **PF-6A** operates when power is lost or on an alarm contact closure.



- Prevents busy signals or unanswered calls during power and system failures
- Loop or ground start
- Automatic ground start converter for outbound calls

| Model | DOD |
|--------------|------------|
| PF-6A | 680 |

Ground to Loop Start Converter

Model **GLS-12** is designed to allow up to 12 standard telephone sets, multi-line key systems and other loop start equipment to be connected to 2 wire ground start CO trunk lines. The **GLS-12** provides the CO with the signaling required to draw dial tone when the loop start equipment goes off hook. Incoming calls ring directly to the loop start devices.



- 12 circuit automatic ground start to loop start equipment converter
- Easy, straight forward installation via an RJ-21X 25 pair connector
- Stackable to increase capacity
- No power supply required

| Model | DOD |
|---------------|------------|
| GLS-12 | 570 |

Blue Strobe with Steady-On-Beacon Kit

- High intensity long life LED technology
- 4 programmable flash patterns
- 6 programmable brightness settings

Model **BLK-4** monitors analog lines for ringing and/or off hook or uses a contact closure to activate. Program the strobe to flash steady or follow ring cadence. The kit includes a 4" diameter LED strobe, hardware, control module and 12V power supply. For use with Viking emergency phones (pages 6-10) or any analog phone.



Replacement Lens Available in 5 Colors

Blue Amber Red Green Clear

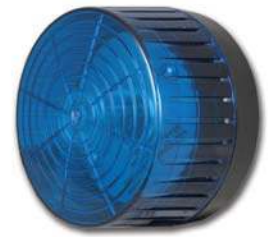


Go to the Viking website: www.VikingElectronics.com and click on Spare Parts.

| Model | EWP | DOD |
|------------------|-----|------------|
| BLK-4 | | 654 |
| BLK-4-EWP | • | 654 |

Blue LED Strobe Light

- High intensity long life LED technology
- 4 programmable flash patterns
- Requires 12VDC Power
- 6 programmable brightness settings



Applications

- Noisy areas where visual status is required
- Signal personnel of equipment malfunctions
- Warn personnel they are entering a restricted area

Replacement Lens Available in 5 Colors

Blue Amber Red Green Clear



Go to the Viking website: www.VikingElectronics.com and click on Spare Parts.

| Model | EWP | DOD |
|-----------------|-----|------------|
| SL-2 | | 242 |
| SL-2-EWP | • | 242 |

911 Strobe Controller

- Activates on 911, 9-911, and 8-911 calls and 555 (test) or programmable number
- Bright flashing 0.75" LED visible over 100ft
- Trigger a doorstrike to enable quick and easy EMS access to your home
- Notify security in a gated community to allow EMS access
- Alert nursing staff to an emergency call
- Resets by contact closure or touch tones
- Provides 12VDC and relay contacts to operate an external strobe or visual indicator
- Power supply included



Applications:

- Nursing Homes
- Office Buildings
- Schools
- Housing Complexes
- Assisted Living

| Model | DOD |
|---------------|------------|
| SC-911 | 236 |

Visual Telephone Status Indicator

Bright 0.75" LED visible over 100 feet, power supply included

Analog Phones: Flashing LED indicates "Ringing", steady LED indicates "On the Phone" and stutter flash indicates "Message Waiting" stutter dial tone is detected. Will also follow the cadence of 90 to 125V message waiting voltage.

Electronic Phones: Flashing LED eliminates guessing whose phone is ringing. Connect to electronic phone's speaker.

Headsets: Flashing LED ends interruptions by indicating that you are "On the Phone". Special T adapter provided.



Ideal for: Telemarketing, Offices, Customer Service, Message Waiting, Cubicles, Technical Support, etc.

| Model | DOD |
|--------------|------------|
| VR-1B | 697 |

Line Powered Visual Indication

The model **LPL-1** connects to any standard analog phone line to indicate "Ring" (visual flashing), "On the Phone" (steady on) or "Message Waiting" (fast flash) indication*.

The large flashing LED can be seen up to 100 feet away. When used with a headset on an analog phone, you can end interruptions when associates don't realize you are on the phone. Phone line powered.

* When installed on phone systems with standard 90VDC message waiting voltage.



| Model | DOD |
|--------------|------------|
| LPL-1 | 640 |

Note: Will not detect stutter dial tone (use model **VR-1B** above).

Message Waiting Light Retrofit Kit

- Operates on standard 80-150V DC message waiting voltage
- Fully modular for quick plug-in installation
- Blinks on message waiting or ringing
- 100% solid state for highest reliability
- LED visible for 50 feet
- Compatible with nearly any telephone system
- Use as a ring indicator in office settings



| Model | DOD |
|--------------|------------|
| LM-1A | 662 |

Note: Will not detect stutter dial tone (use model **VR-1B** above).



Ring Shape Conditioner and Power Booster

Viking's Ring Boosters are designed to reshape and increase the ringing power of an existing analog line, PABX extension, FXS port, IP phone system analog port or any other telecom device which provides ringing. The units duplicate the incoming ring cadence, allowing compatibility with custom ringing features.

Each line is capable of ringing four 1 REN or eight 0.5 REN telephones and does not affect normal operation of the telephone line or features, such as distinctive ring, caller ID, call waiting, hookswitch flash features, CPC signaling, etc. Viking offers four sizes to fit many different applications.

- True Sine wave ring signal output
- Boosts ring to 4 REN per line
- Caller ID compatible
- Will not affect normal line operation
- Reshapes troublesome square wave ringing
- Model **RG-224** connects directly to CISCO® VG224

| Model | Description | DOD |
|---------------|----------------------|-----|
| RG-4 | 1 Line, Wall Mount | 416 |
| RG-204 | 4 Lines, Wall Mount | 417 |
| RG-212 | 12 Lines, Rack Mount | 419 |
| RG-224 | 24 Lines, Rack Mount | 418 |



RG-4



RG-204



RG-212



RG-224

Ring Booster

- Boosts ring power to 12 REN
- Ring up to 12 additional phones
- Caller ID compatible
- Easy modular installation
- Compatible with distinctive ringing services



- Will not affect normal line operation
- Reshapes troublesome square wave ringing
- Capable of boosting talk battery and loop current

| Model | DOD |
|---------------|-----|
| RG-10A | 420 |

Talk Battery Booster

The **TBB-1B** will boost talk battery and loop current on a single analog PABX station, CO line or VoIP ATA FXS port.

This is helpful for powering line powered devices, such as dialers and emergency phones on low voltage and/or loop current extensions and X-10 wireless phone jacks.

- Screw terminal connections for easy installation



- Boost talk battery to 48V
- Boost loop current to 26mA
- Power supply included

| Model | DOD |
|---------------|-----|
| TBB-1B | 632 |

Long Loop Adapters

Viking's Long Loop Adapters extend analog station loop length to 30,000 feet. The **LLA-1** and **LLA-4** provide long line and off premise extension (OPX) capabilities for PABX and KSU analog stations, ISDN terminal adapters, channel banks, etc. The units are compatible with pulse dialing, touch tone dialing, hook switch flash features, CPC signaling, and Caller ID features. A ground screw terminal allows for improved surge protection and connection to an earth ground reference for the regenerated line.

- Convert an analog KSU/PABX station to a standard voltage OPX
- Provides 48 VDC talk battery
- Provides 20 Hz, 10 REN sine wave ringing
- Electrically isolates PABX station from extended loop

| Model | Description | DOD |
|--------------|-------------|-----|
| LLA-1 | 1 Line | 615 |
| LLA-4 | 4 Lines | 620 |



LLA-1 (Replacement for Proctor® model 46222)



LLA-4 (Replacement for Proctor® model 46224)

VE-5x5 Series Surface Mount Boxes

The **VE-5x5 Series** of surface mount boxes add vandal and weather resistance to many of Viking's 5" x 5" flush mount entry phones and emergency phones.

- Finishes: Heavy duty 16 gauge steel that is primer powder coated then top coated with textured black or red powder paint or available in brushed 316 marine grade stainless steel
- Surface mount to a wall, post, single or double gang electrical box
- Compatible with any of Viking's **VE-GNP Series** gooseneck pedestals, see page 31 for more info



| Model | Finish | Description | DOD |
|--------------|-----------|-----------------|-----|
| VE-5x5 | Black | 1.0" Rain Guard | 424 |
| VE-5x5-RD | Red | 1.0" Rain Guard | 424 |
| VE-5x5-SS | Stainless | 1.0" Rain Guard | 424 |
| VE-5x5-NR | Black | No Rain Guard | 424 |
| VE-5x5-NR-RD | Red | No Rain Guard | 424 |
| VE-5x5-NR-SS | Stainless | No Rain Guard | 424 |

VE-6x7 Series Surface Mount Boxes

The **VE-6x7 Series** of surface mount boxes add vandal and weather resistance to any of Viking's **K-1700 Series** analog entry phones or **K-1700-IP Series** VoIP entry phones (page 35).

- Finishes: Heavy duty 16 gauge steel that is primer powder coated then top coated with textured black powder paint or available in brushed 316 marine grade stainless steel
- Surface mount to a wall, post, single or double gang electrical box
- Compatible with any of Viking's **VE-GNP Series** gooseneck pedestals, see page 31 for more information



| Model | Finish | Description | DOD |
|--------------|-----------|-----------------|-----|
| VE-6x7 | Black | 1.0" Rain Guard | 424 |
| VE-6x7-SS | Stainless | 1.0" Rain Guard | 424 |
| VE-6x7-NR | Black | No Rain Guard | 424 |
| VE-6x7-NR-SS | Stainless | No Rain Guard | 424 |

VE-5x5-PNL Series Blank Panel Boxes

The **VE-5x5-PNL Series** is designed to surface mount a custom switch, keypad, or card reader.

The blank front panel is made from aluminum, making it easy to drill, cut or form. The panel is straight lined and coated with a tough clear powder coating to resist corrosion. Four screws and a gasket are included for easy installation.

The **VE-5x5-PNL Series** is compatible with any of Viking's **VE-GNP Series** gooseneck pedestals, see page 31 for more info.



| Model | Finish | Description | DOD |
|-----------------|-----------|-----------------|-----|
| VE-5x5-PNL | Black | 1.0" Rain Guard | 424 |
| VE-5x5-PNL-RD | Red | 1.0" Rain Guard | 424 |
| VE-5x5-PNL-SS | Stainless | 1.0" Rain Guard | 424 |
| VE-5x5-PNL-NR | Black | No Rain Guard | 424 |
| VE-5x5-PNL-NRRD | Red | No Rain Guard | 424 |
| VE-5x5-PNL-NRSS | Stainless | No Rain Guard | 424 |

VE-6x7-PNL Series Blank Panel Boxes

The **VE-6x7-PNL Series** is designed to surface mount a custom switch, keypad, or card reader.

The blank front panel is made from aluminum, making it easy to drill, cut or form. The panel is straight lined and coated with a tough clear powder coating to resist corrosion. Four screws and a gasket are included for easy installation.

The **VE-6x7-PNL Series** is compatible with any of Viking's **VE-GNP Series** gooseneck pedestals, see page 31 for more information.



| Model | Finish | Description | DOD |
|-----------------|-----------|-----------------|-----|
| VE-6x7-PNL | Black | 1.0" Rain Guard | 424 |
| VE-6x7-PNL-SS | Stainless | 1.0" Rain Guard | 424 |
| VE-6x7-PNL-NR | Black | No Rain Guard | 424 |
| VE-6x7-PNL-NRSS | Stainless | No Rain Guard | 424 |

VE-5x10 Series Surface Mount Boxes

The **VE-5x10 Series** of surface mount boxes add vandal and weather resistance to any of Viking's 5" x 10" flush mount analog or IP phones.

- Finishes: Heavy duty 16 gauge steel that is primer powder coated then top coated with textured black powder paint or available in brushed 316 marine grade stainless steel
- Surface mount to a wall, post, single or double gang electrical box
- Compatible with any of Viking's **VE-GNP Series** gooseneck pedestals, see below for more information



| Model | Finish | Description | DOD |
|---------------|-----------|-----------------|-----|
| VE-5x10 | Black | 1.0" Rain Guard | 424 |
| VE-5x10-SS | Stainless | 1.0" Rain Guard | 424 |
| VE-5x10-NR | Black | No Rain Guard | 424 |
| VE-5x10-NR-SS | Stainless | No Rain Guard | 424 |

VE-5x10-PNL Series Blank Panel Boxes

The **VE-5x10-PNL Series** is designed to surface mount a custom switch, keypad, or card reader.

The blank front panel is made from aluminum, making it easy to drill, cut or form. The panel is straight lined and coated with a tough clear powder coating to resist corrosion. Four screws and a gasket are included for easy installation.

The **VE-5x10-PNL Series** is compatible with any of Viking's **VE-GNP Series** gooseneck pedestals, see below for more information.



| Model | Finish | Description | DOD |
|-------------------|-----------|-----------------|-----|
| VE-5x10-PNL | Black | 1.0" Rain Guard | 424 |
| VE-5x10-PNL-SS | Stainless | 1.0" Rain Guard | 424 |
| VE-5x10-PNL-NR | Black | No Rain Guard | 424 |
| VE-5x10-PNL-NR-SS | Stainless | No Rain Guard | 424 |

VE-3x5 Surface Mount Box

The **VE-3x5** surface mount box adds versatility to Viking's **E-40** or **E-50 Series** Entry Phones (page 42).

- 16 gauge CRS
- UV stable black fine texture powder paint
- Surface mount to a wall, post, or single gang electrical box



| Model | DOD |
|--------|-----|
| VE-3x5 | 424 |

Accessories

VE-LIGHT

Add bright LED illumination to any doorbox or entry phone that is housed in any of Viking's surface mount boxes.



VE-RMB

Attaches to the plastic junction box supplied with some Viking doorboxes and entry phones. It provides a means of mounting even when no wall stud or support beam is accessible.



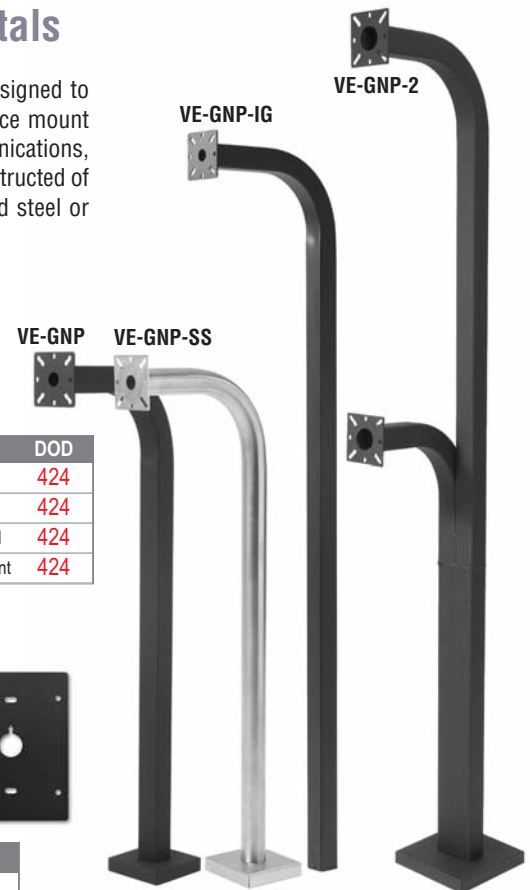
| Model | Description | DOD |
|----------|--------------|-----|
| VE-LIGHT | LED Kit | 428 |
| VE-RMB | Retrofit Kit | 431 |

Gooseneck Pedestals

The gooseneck pedestals are designed to be used with select Viking surface mount boxes. Ideal for drive up communications, the gooseneck pedestals are constructed of heavy duty black powder painted steel or stainless steel.

Pad mount to a floor or concrete with 4 available bolt holes or use the **VE-GNP-IG** to mount in-ground or wet cement.

| Model | Height | Description | DOD |
|-----------|---------|------------------|-----|
| VE-GNP | 42" | Black | 424 |
| VE-GNP-SS | 42" | Stainless Steel | 424 |
| VE-GNP-IG | 64" | Black In-Ground | 424 |
| VE-GNP-2 | 42"/72" | Black Dual Mount | 424 |



E-1600A-MK-GNP

Mounting kit for attaching the **E-1600A** and **E-1600-IP** Emergency Phones to a Viking gooseneck pedestal.



| Model | DOD |
|----------------|-----|
| E-1600A-MK-GNP | 227 |

Enclosures for Installing Products Outdoors

Added Protection for Viking Emergency Phones, Entry Phones, Doorboxes or other devices

The **VE-9x12** and **VE-9x20** provide the ultimate in weather protection for your Viking product or other telecom devices.

These enclosures are constructed of cast aluminum and are made for years of outdoor service. The heavy-duty aluminum doors are labeled "TELEPHONE" and have a gasket seal to keep out even the harshest weather. The **VE-9x12** allows you to choose from two panels that allow mounting many different Viking products.

Both the **VE-9x12** and **VE-9x20** are available in three high visibility colors: emergency red with silver lettering, safety yellow with red lettering, or black with silver lettering.



The **VE-9x12-0** and **VE-9x20-0** (shown left) are enclosures without an adapter panel, ideal for mounting non-Viking products.

These enclosures are available in all three colors and include a separate "Telephone" label.

Applications Include:

- Parking Lots
- Maintenance Areas
- Hospitals
- Playgrounds
- Swimming Pools
- Building Exteriors
- Campuses
- Roadside Help Areas
- Fueling Stations

Accessories/Replacement Parts

VE-PBL: Push button lock and key set for any of the **VE-9x12** or **VE-9x20** enclosures.

VE-SPG: Hinge door return spring for use with the **VE-9x12** and **VE-9x20**. The **VE-9x20** includes a **VE-SPG**.

VE-9x12MK-1: Internal adapter panel 1 for the **VE-9x12**, see compatible products below.

VE-9x12MK-2: Internal adapter panel 2 for the **VE-9x12**, see compatible products below.

VE-9x20MK: Internal adapter panel for the **VE-9x20**.

| Model | Description | DOD |
|-------------|---|-----|
| VE-9x12R-0 | Red 9"x12" Outdoor Enclosure with No Adapter Panel | 413 |
| VE-9x12Y-0 | Yellow 9"x12" Outdoor Enclosure with No Adapter Panel | 413 |
| VE-9x12B-0 | Black 9"x12" Outdoor Enclosure with No Adapter Panel | 413 |
| VE-9x12R-1 | Red 9"x12" Outdoor Enclosure with Adapter Panel 1 | 413 |
| VE-9x12Y-1 | Yellow 9"x12" Outdoor Enclosure with Adapter Panel 1 | 413 |
| VE-9x12B-1 | Black 9"x12" Outdoor Enclosure with Adapter Panel 1 | 413 |
| VE-9x12R-2 | Red 9"x12" Outdoor Enclosure with Adapter Panel 2 | 413 |
| VE-9x12Y-2 | Yellow 9"x12" Outdoor Enclosure with Adapter Panel 2 | 413 |
| VE-9x12B-2 | Black 9"x12" Outdoor Enclosure with Adapter Panel 2 | 413 |
| VE-9x20R-0 | Red 9"x20" Outdoor Enclosure with No Adapter Panel | 413 |
| VE-9x20Y-0 | Yellow 9"x20" Outdoor Enclosure with No Adapter Panel | 413 |
| VE-9x20B-0 | Black 9"x20" Outdoor Enclosure with No Adapter Panel | 413 |
| VE-9x20R | Red 9"x20" Outdoor Enclosure with Standard Adapter Panel | 413 |
| VE-9x20Y | Yellow 9"x20" Outdoor Enclosure with Standard Adapter Panel | 413 |
| VE-9x20B | Black 9"x20" Outdoor Enclosure with Standard Adapter Panel | 413 |
| VE-PBL | Push Button Lock | 413 |
| VE-SPG | Door Return Spring | 413 |
| VE-9x12MK-1 | VE-9x12 Adapter Panel 1 | 413 |
| VE-9x12MK-2 | VE-9x12 Adapter Panel 2 | 413 |
| VE-9x20MK | VE-9x20 Standard Adapter Panel | 413 |

Compatible Viking Products

| VE-9x12(R/Y/B)-1 (Adapter Panel 1) | VE-9x12(R/Y/B)-2 (Adapter Panel 2) | VE-9x20(R/Y/B) (Standard Adapter Panel) |
|---------------------------------------|---------------------------------------|--|
| E-20-IP | E-10-IP | K-1500-7 |
| E-20B | E-10A | K-1900-7 |
| E-1600-IP | E-30 | K-1900-7-IP |
| E-1600A | E-30-IP | K-1900-8 |
| E-1600-03B | E-30-PT | K-1900-8-IP |
| E-1600-45A | E-35-IP | |
| E-1600-45-IP | E-35 | |
| E-1600-60A | E-60-IP | |
| E-1600-60-IP | E-60 | |
| E-1600-65A | E-1600-20-IP | |
| E-1600-65-IP | E-1600-20A | |
| K-1500P-W | E-1600-22-IP | |
| K-1900W-2 | E-1600-30-IP | |
| W-2000A | E-1600-30A | |
| | W-1000 | |
| | W-3000 | |
| | W-3005 | |

R = Red
Y = Yellow
B = Black



Door Entry and CCTV Camera Controller

The **C-1000B** allows single line phones or phone systems to share a phone line with one or two Viking **W-Series** doorboxes. The **C-1000B** provides two touch tone controlled relays to operate door strikes or gate openers and provides doorbox triggered CCTV camera switching. Viking doorboxes can be used on single line residential or home office applications as well as on fully loaded systems, when used with a **C-1000B**.

- Allows two Viking **W-Series** doorboxes to share a single telephone line with a residential or business telephone system
- Custom ringing mode to distinguish doorbox calls from CO calls
- Compatible with Viking's Single Line Paging Controllers, model **SLP-1** or **SLP-4** (page 21)
- Calls can be placed on hold when visitors call from the doorbox
- Doorbox triggered CCTV camera switching
- Call waiting tones indicate which doorbox is calling and distinguish a doorbox call from a CO line call
- Built-in talk battery for "No CO Line" applications
- Provides two touch tone controlled SPDT relay contacts (5 Amp rating) for door strikes or gate openers
- Keyless entry/postal lock input
- Auxiliary contact output for doorbell, light, etc.

| Model | DOD |
|----------------|------------|
| C-1000B | 168 |



Compatible with one or two of these Viking doorbox models (see below):

| | |
|--------------------|-------------------|
| W-1000 | W-3000 |
| W-1000-EWP | W-3000-EWP |
| W-2000A | W-3005 |
| W-2000A-EWP | W-3005-EWP |

Handsfree Doorboxes

Answer Your Door or Gate from Any Phone in Your Home or Business

Viking's handsfree doorboxes are available in 4 different chassis configurations and are designed to interface directly with an unused trunk input / FXO port of a phone system. One or two doorboxes can also share an existing phone line when used with a **C-1000B** doorbox controller. When the "Call" button is pressed, the doorbox generates a standard or custom ring cadence.

- Connect to a phone system's unused trunk input, FXO port or a Viking **C-1000B** controller (above)
- Blue LED call progress/night light on **W-1000**, **W-3000** and **W-3005**
- High output speaker amplifier with volume adjustment
- Adjustable microphone volume
- 24 Volt talk battery
- 20 Hz ring generator (6.0 REN ring load maximum)
- Selectable ring cadence and number of rings
- Selectable "Push-to-Talk" feature for noisy environments
- Operating temperature range: -15°F to 130°F
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating (Learn more about EWP see DOD 859)
- **W-3005** features a built-in high resolution color video camera with wide viewing angle and tilt/swivel adjustments (page 5)
- **W-3005** can use one Cat-5e cable for audio and video transmission

| Model | Description | Analog | EWP | Camera | DOD |
|--------------------|---|--------|-----|--------|------------|
| W-1000 | Flush Mount Black Doorbox | • | | | 170 |
| W-1000-EWP | Flush Mount Black Doorbox | • | • | | 170 |
| W-2000A | Surface Mount Doorbox | • | | | 170 |
| W-2000A-EWP | Surface Mount Doorbox | • | • | | 170 |
| W-3000 | Flush Mount Stainless Steel Doorbox | • | | | 170 |
| W-3000-EWP | Flush Mount Stainless Steel Doorbox | • | • | | 170 |
| W-3005 | Flush Mount Stainless Steel Video Doorbox | • | | • | 181 |
| W-3005-EWP | Flush Mount Stainless Steel Video Doorbox | • | • | • | 181 |



W-1000

Faceplate: Vandal resistant 12 gauge louvered aluminum with weather resistant black textured powder paint.

Mounting: Flush mount or use an optional Viking Surface Mount Box sold separately (page 30).



W-2000A

Chassis: Impact resistant, UV stable light grey plastic with black UV stable printed graphics.

Mounting: Surface mount only.



W-3000

Faceplate: Vandal resistant 14 gauge louvered 316 marine grade stainless steel with #4 brushed finish and laser etched graphics.

Mounting: Flush mount or use an optional Viking Surface Mount Box sold separately (page 30).



W-3005

Faceplate: Vandal resistant 14 gauge louvered 316 marine grade stainless steel with #4 brushed finish and laser etched graphics.

Mounting: Flush mount or use an optional Viking Surface Mount Box sold separately (page 30).

12 Button Apartment Entry Phones with Built-In Directory

Features

- Analog or VoIP interface
- 12 buttons speed dial up to 20 digits each, with 12 rollover numbers
- Easy one button push operation
- Integrated relays for door strike and camera control
- Built-in custom tenant directory
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating
- Flush mount with the included zinc plated steel rough-in box
- Optional Surface Mount Boxes available (page 31), sold separately
- Heavy-duty 14 gauge louvered 316 marine grade stainless steel faceplate
- Permanent laser etched graphics
- Heavy duty sealed metal keypad
- T-10 Torx security mounting screws

Analog Models

- Interface to a CO line, analog PABX station, or FXS port
- Hangs up on CPC, busy, silence, time-out or dial tone
- Operates on 12 to 24 volts AC/DC (12VDC adapter provided)
- 50 keyless entry codes
- Selectable auto-answer feature for monitoring
- Postal lock input
- Touch tone restriction from microphone
- Use with model **C-1000B** (page 33) for increased security
- Compatible with model **C-3000** (page 37) for "No CO" (phone line) operation
- Operating temperature: -30° F to 150° F

VoIP Models

- SIP compliant and PoE powered (class 2, <6.5 Watts)
- Two sets of SPDT 2 Amp relay contacts for door/gate or camera control
- Blue "Call / Status" LED indicator
- Automatic Noise Canceling (ANC) feature for proper operation in noisy environments
- Network downloadable firmware
- Program up to 1,000 keyless entry codes and/or proximity card numbers
- Keyless entry codes and proximity numbers can be programmed to only allow access at specific times and/or days of the week
- Event logging with time and date stamp
- Hangs up on busy, time-out or touch tone command
- Remotely programmable
- Programmable microphone and speaker volume
- Selectable auto-answer feature for monitoring
- Operating temperature: -40°F to 140°F

| Model | Analog | VoIP | EWP | Camera | Proximity | DOD |
|---------------|--------|------|-----|--------|-----------|-----|
| K-1200 | • | | | | | 182 |
| K-1200-EWP | • | | • | | | 182 |
| K-1200-IP | | • | | | | 271 |
| K-1200-IP-EWP | | • | • | | | 271 |
| K-1205 | • | | | • | | 183 |
| K-1205-EWP | • | | • | • | | 183 |
| K-1205-IP | | • | | • | | 272 |
| K-1205-IP-EWP | | • | • | • | | 272 |
| K-1270 | • | | | | • | 184 |
| K-1270-EWP | • | | • | | • | 184 |
| K-1270-IP | | • | | | • | 273 |
| K-1270-IP-EWP | | • | • | | • | 273 |
| K-1275 | • | | | • | • | 194 |
| K-1275-EWP | • | | • | • | • | 194 |
| K-1275-IP | | • | | • | • | 274 |
| K-1275-IP-EWP | | • | • | • | • | 274 |

K-1200 Series



Apartment entry phone with integrated 12 button keypad. Bushed stainless steel finish.

K-1205 Series



- Built-in analog color video camera (page 5)
- 420 lines of resolution and 80° viewing angle
- Tilt and swivel adjustment

K-1270 Series



- Built-in proximity reader
- 125KHz compatible
- 26-bit Wiegand format
- Compatible with Viking proximity credentials (page 36)

K-1275 Series



- Built-in analog color video camera (page 5)
- Built-in proximity reader
- Compatible with Viking proximity credentials (page 36)

What is EWP?

Viking's Enhanced Weather Protection (EWP) products are weather-sealed with a thick protective coating that keeps the elements out. Applications where products are installed outdoors, or in harsh/corrosive environments like a swimming pool area or beach, should always use the EWP version.

For more information on Enhanced Weather Protection, see DOD 859.

Enhanced Weather Protection

- PCB completely sealed in an injection molded thermoplastic potting compound
- Sealed LED, push button switch and mic connections
- Internally sealed switches, trim pots and dip switches
- Mylar speaker with foam gasket
- Gasketing to prevent water penetration
- Connectors filled with anti-corrosive gel
- EWP products are designed to meet an Ingress Protection rating of IP66

Integrated Proximity Readers

Viking offers several entry phone styles with a built-in proximity reader option for added security. We also offer several different external proximity readers. All Viking proximity readers are equipped with Enhanced Weather Protection, which is designed to meet IP66 Ingress Protection Rating.

Proximity Specifications:

Frequency: 125KHz
Format: 26 bit Wiegand
Transducer: Beeps during card read
LED: Red, turns off during card read
Humidity: Up to 100% (fully potted EWP)
Operating Temperature: -30°F to 150°F

Technologies Supported:

Viking **PRX-C, PRX-C-ISO, PRX-FOB, LRT-4**, see page 36
 Certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**

* HID and the HID logo are registered trademarks of HID Global Corporation, an ASSA ABLLOY company. All other trademarks are the property of their respective owners.
 ** AWID is a trademark of Applied Wireless Identification Group.



Vandal Resistant Handsfree Entry Phones with Built-In Keypads

Features

- Analog or VoIP Interface
- Two finishes: Brushed Stainless Steel or Oil Rubbed Bronze (BN)
- Enhanced Weather Protection (EWP) models available
- Blue "Call/Status" LED indicator
- Flush mount with the included zinc plated steel rough-in box
- Optional Surface Mount Boxes available (page 30) for all models on this page, sold separately
- 14 gauge louvered 316 marine grade stainless steel faceplate
- Permanent laser etched graphics on stainless steel models
- Stainless steel "Call" button
- Heavy duty sealed keypad
- T-10 Torx security mounting screws

Analog Models

- Telephone line powered
- Interface to a CO line, analog PABX station, or FXS port
- Advanced call progress detection: disconnects on busy signal, return to dial tone, CPC, reorder tone, call time-out, and 40 second silence time out
- Selectable auto-answer feature for monitoring
- Selectable push button disconnect
- Adjustable microphone and speaker volume
- Programmable VOX (microphone/speaker) switching speed
- Operating temperature: -20°F to 130°F

Compatible Viking Controllers:

- C-500** (page 40)
- C-2000B** (page 40)
- C-3000** (page 37)
- C-4000** (page 37)
- K-1900-3** (page 37)
- SRC-1** (page 39)

VoIP Models

- Two sets of 2 Amp relay contacts for door/gate control
- SIP compliant and PoE powered (class 2, <6.5 Watts)
- Automatic Noise Canceling (ANC) feature for proper operation in noisy environments
- Network downloadable firmware
- Speed dial up to 250 numbers
- Cycles to rollover number on busy or no-answer
- Program up to 1,000 keyless entry codes and/or proximity card numbers
- Keyless entry codes and proximity card numbers can be programmed to only allow access at specific times and days of week
- Event logging with time and date stamp
- Remotely programmable
- Programmable microphone and speaker volume
- Operating temperature: -40°F to 140°F

Controller Built-in

| Model | Finish | Analog | VoIP | EWP | Camera | Proximity | DOD |
|-----------------|-----------|--------|------|-----|--------|-----------|-----|
| K-1700-3 | Stainless | • | • | • | • | • | 157 |
| K-1700-3-EWP | Stainless | • | • | • | • | • | 157 |
| K-1700-3-BN | Bronze | • | • | • | • | • | 157 |
| K-1700-3-BN-EWP | Bronze | • | • | • | • | • | 157 |
| K-1700-IP | Stainless | • | • | • | • | • | 253 |
| K-1700-IP-EWP | Stainless | • | • | • | • | • | 253 |
| K-1700-BN-IP | Bronze | • | • | • | • | • | 253 |
| K-1700-BN-IPEWP | Bronze | • | • | • | • | • | 253 |
| K-1705-3 | Stainless | • | • | • | • | • | 159 |
| K-1705-3-EWP | Stainless | • | • | • | • | • | 159 |
| K-1705-3-BN | Bronze | • | • | • | • | • | 159 |
| K-1705-3-BN-EWP | Bronze | • | • | • | • | • | 159 |
| K-1705-IP | Stainless | • | • | • | • | • | 254 |
| K-1705-IP-EWP | Stainless | • | • | • | • | • | 254 |
| K-1705-BN-IP | Bronze | • | • | • | • | • | 254 |
| K-1705-BN-IPEWP | Bronze | • | • | • | • | • | 254 |
| K-1770-3 | Stainless | • | • | • | • | • | 275 |
| K-1770-3-EWP | Stainless | • | • | • | • | • | 275 |
| K-1770-3-BN | Bronze | • | • | • | • | • | 275 |
| K-1770-3-BN-EWP | Bronze | • | • | • | • | • | 275 |
| K-1770-IP | Stainless | • | • | • | • | • | 257 |
| K-1770-IP-EWP | Stainless | • | • | • | • | • | 257 |
| K-1770-BN-IP | Bronze | • | • | • | • | • | 257 |
| K-1770-BN-IPEWP | Bronze | • | • | • | • | • | 257 |
| K-1775-3 | Stainless | • | • | • | • | • | 280 |
| K-1775-3-EWP | Stainless | • | • | • | • | • | 280 |
| K-1775-3-BN | Bronze | • | • | • | • | • | 280 |
| K-1775-3-BN-EWP | Bronze | • | • | • | • | • | 280 |
| K-1775-IP | Stainless | • | • | • | • | • | 258 |
| K-1775-IP-EWP | Stainless | • | • | • | • | • | 258 |
| K-1775-BN-IP | Bronze | • | • | • | • | • | 258 |
| K-1775-BN-IPEWP | Bronze | • | • | • | • | • | 258 |



K-1700 Series

Entry phone with integrated keypad. Stainless steel model (left) shown in optional **VE-6x7** Surface Mount Box (page 30), sold separately.



K-1705 Series

- Built-in analog color composite video camera (see page 5 for camera information)
- 420 lines of resolution and 80° viewing angle
- Tilt and swivel adjustment



K-1770 Series

- Built-in proximity reader (see page 36)
- 125KHz compatible 26-bit Wiegand format
- Compatible with Viking proximity credentials on page 36



K-1775 Series

- Built-in analog color video camera (page 5)
- 420 lines of resolution and 80° viewing angle
- Built-in proximity reader (see page 36)
- 125KHz compatible 26-bit Wiegand format
- Compatible with Viking proximity credentials on page 36

125 KHz Proximity Reader

- Standard 26-bit Wiegand interface
- Use with Viking **PRX-C, PRX-C-ISO, PRX-FOB, LRT-4**, certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- Comes with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating
- Compact size mounts to mullion / door / window frame



| Model | DOD |
|-------|-----|
| PRX-1 | 221 |

Keypad with Built-In Proximity Reader

- Reader format: 26-bit Wiegand
- Keypad formats: 8-bit burst and 26-bit Wiegand
- Use with Viking **PRX-C, PRX-C-ISO, PRX-FOB, LRT-4**, certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- Comes with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating



| Model | DOD |
|-------|-----|
| PRX-2 | 219 |

High Performance Proximity Reader

- Read range of up to 16 inches
- Standard 26-bit Wiegand interface
- Use with Viking **PRX-C, PRX-C-ISO, PRX-FOB, LRT-4**, certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- Comes with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating



- Surface mounts to non-metallic wall, post, or single gang electrical box
- Mounts to a Viking gooseneck pedestal (page 31) with an optional **PRX-3-MK-GNP** or **PRX-3-MK-VEGNP** mounting kit, sold separately

| Model | DOD |
|----------------|-----|
| PRX-3 | 228 |
| PRX-3-MK-GNP | 229 |
| PRX-3-MK-VEGNP | 229 |

Wiegand Keypad

- Slender aluminum housing for mullion mounting
- Pigtail leads
- Beeper and LEDs show status
- Standard 26-bit Wiegand interface
- Designed for outdoor use, the **PRX-4** comes standard with Enhanced Weather Protection, designed to meet IP66 Ingress Protection Rating
- Dimensions: 7.1" x 1.7" x 0.5"



| Model | DOD |
|-------|-----|
| PRX-4 | 199 |

Mullion-Mount Proximity Reader with Keypad

- Read range of up to 6 inches
- Reader Format: 26-bit Wiegand
- Keypad formats: 26-bit Wiegand and 8-bit burst
- Use with Viking **PRX-C, PRX-C-ISO, PRX-FOB, LRT-4**, and certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- Comes standard with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating



| Model | DOD |
|-------|-----|
| PRX-5 | 224 |

Proximity Cards and Fobs

- No magnetic strip to wear out
- No batteries
- **PRX-C** is credit card size with slot
- Thinner, more flexible **PRX-C-ISO**
- No minimum quantities



| Model | DOD |
|-----------|-----|
| PRX-C | 198 |
| PRX-C-ISO | 198 |
| PRX-FOB | 198 |

Long Range 4 Channel Transmitter and Receiver

- Up to 400 ft range (line of sight)
- Convenient key fob design
- 4 buttons to activate up to 4 Wiegand devices
- Secure, Rolling Code + Encryption, digital, anti-playback wireless transmission
- The **LRT-4** has an integrated 125KHz proximity module for close range access credential



| Model | DOD |
|-------|-----|
| LRR-4 | 226 |
| LRT-4 | 226 |

Proximity / Keyless Entry Controller

- 1 door with up to 250 users
- Use with a card reader or keypad
- Standard 26-bit Wiegand interface
- Program with a touch tone phone
- Output for data logging
- Power supply included



| Model | DOD |
|-------|-----|
| ES-1 | 193 |

* HID and the HID logo are registered trademarks of HID Global Corporation, an ASSA ABLOY company. All other trademarks are the property of their respective owners.
 ** AWID is a trademark of Applied Wireless Identification Group.



Apartment / Office Entry Controller

The **K-1900-3** converts any touch tone phone into a multi-number auto dialer that will store up to 250 telephone numbers.

When a call initiated by the **K-1900-3** is answered by an apartment or business tenant, a built-in relay contact may be activated to control an electric gate or door strike. Up to 250 keyless entry codes may also be programmed.

- Stores 250 tenant touch tone phone numbers and keyless entry codes
- DPDT relay for controlling door strikes, magnetic locks, gates, etc.
- Multi-number dialer mode (kiosks, etc.)
- Ring-thru mode for calling the entry phone
- Auxiliary relay input to trigger a timed relay activation for postal locks, etc.
- Power supply included

| Model | DOD |
|-----------------|------------|
| K-1900-3 | 312 |

Commonly Used with:

- K-1700-3**
 - K-1705-3**
 - K-1770-3**
 - K-1775-3**
 - K-1900-8**
- or any touch tone phone



No CO Line Entry Controller for 12 Apartments / Offices

Eliminates the monthly expenses of an entry phone line and CO "call waiting" feature on tenant's lines. The **C-3000** rings the tenant's phone or provides call waiting tones. The tenant can "buzz" the visitor in from their touch tone phone via the front and rear door strike contacts. Power supply included.

- Functions with or without tenant CO lines
- Supports two entry points
- Expands to 96 tenants by adding more units (each **C-3000** adds 12 additional tenants)

| Model | DOD |
|---------------|------------|
| C-3000 | 162 |

Commonly Used with:

- | | | |
|-----------------|-----------------|-------------------------|
| AES-2000 | K-1270 | K-1770-3 |
| AES-2005 | K-1275 | K-1775-3 |
| K-1200 | K-1700-3 | K-1900-8 |
| K-1205 | K-1705-3 | or any touch tone phone |



4 Door Keyless or Proximity Apartment Entry Controller

The **C-4000** converts any four touch tone phones into multi-number auto dialers that will store up to 250 telephone numbers. When a call initiated by the **C-4000** is answered by an apartment or business tenant, a built-in relay may be activated to control an electric gate or door strike.

- Supports 4 entry points
- Supports 4 Wiegand devices
- Stores 250 tenant touch tone phone numbers and 250 entry codes
- Remote or local touch tone programmable
- Programmable relay activation code
- Programmable master entry code and maintenance personnel entry codes
- Four SPDT relays for controlling door strikes, magnetic locks, gates, etc.
- Power supply included

| Model | DOD |
|---------------|------------|
| C-4000 | 164 |

Commonly Used with:

- K-1700-3**
 - K-1705-3**
 - K-1770-3**
 - K-1775-3**
 - K-1900-8**
- or any touch tone phone



Name Directories

| Model | Description | DOD |
|------------|-------------|------------|
| D6 | 6 Names | 158 |
| D10 | 10 Names | 158 |
| D22 | 22 Names | 158 |
| D32 | 32 Names | 158 |
| D44 | 44 Names | 158 |
| D56 | 56 Names | 158 |

Viking's vandal-resistant directories are an easily installed, high-quality line of displays, designed specifically to complement newly installed or existing secure-building entry systems. All models feature both weather and vandal resistant construction. The **D-Series** directories are durably constructed from 18 gauge brushed stainless steel to perfectly match the style and function of Viking's stainless steel phones.



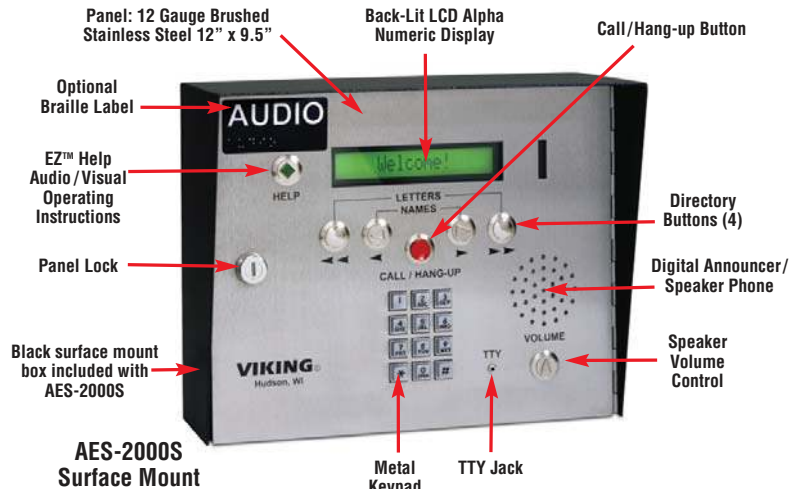
Accessible Entry System

Usable by people with sensory and physical impairments

The Accessible Entry System is a hands-free phone with a built in auto-dialer, which will allow access to apartment/office buildings by using analog telephone service. In order to assist people of varying abilities, the "directory" is displayed on the LCD screen and an audible announcement is played.

The system is housed behind a marine grade 316 stainless steel panel with metal keypad and control buttons. Power supply included.

- Supports up to 525 tenant names and phone numbers
- Data logging via the **PB-100**
- Door strike contacts
- Postal lock input
- Remote recording and programming
- Designed to help meet ADA requirements
- Compatible with Viking proximity credentials, see page 36
- Model **AES-2005S** and **AES-2005F** also feature a built-in high resolution color video camera, see page 5 for camera information
- **PB-100** required for programming (see below)



EZ Help / Access is a trademark of the Wisconsin Alumni Research Foundation. For more information go to: www.trace.wisc.edu

AES-2000F
Flush Mount
(Mounting bezel and back box included)



| Model | Description | Analog Camera | DOD |
|------------------|--|---------------|-----|
| AES-2000S | Surface Mount Entry System | • | 202 |
| AES-2000F | Flush Mount Entry System | • | 202 |
| AES-2005S | Surface Mount Entry System with Camera | • • | 204 |
| AES-2005F | Flush Mount Entry System with Camera | • • | 204 |
| ERAM-4M | Expansion Memory | | 854 |

Applications Include:

- Apartment/Office Buildings
- Assisted Living Residences
- Nursing Homes
- Gated Communities
- Hospitals
- Public Housing

Add Entry Points to the Accessible Entry System

Add up to 32 additional points of entry to the Viking **AES-2000** Accessible Entry System. The **ES-3** operates a door strike or magnetic lock upon receiving valid credentials from a Wiegand device. One **ES-3**, one Wiegand device, and a door strike or magnetic lock of your choice is required for each additional entry point.

| Model | DOD |
|-------------|-----|
| ES-3 | 195 |

- Two wire CAN communication protocol can be daisy-chained together
- Share with a door strike's 12-24V AC or DC power source
- Power supply included



PC to Phone Line Interface / Controller

The **PB-100** connects to a serial or USB port on your PC and also to an analog phone line. The **PB-100** accepts ASCII commands to seize the phone line, watch for busy, and to send and receive touch tones or data. If the PC is equipped with a sound card, the audio input and output can be coupled to the phone line. A CD ROM is included with programs to do emergency phone polling, **AES-2000** programming, hotel/motel wake up dialer or design your own voice announcer, message center, etc. Power supply included.

| Model | DOD |
|---------------|-----|
| PB-100 | 232 |

- Windows compatible software included
- Remote programming of **AES-2000** Entry System (above)
- Hotel/Motel wake up applications
- Emergency phone polling / programming application



Secure Remote DTMF Controller

- Touch tone programmable
- 6 digit security code
- Relay activation code
- 32 keyless entry codes
- Operates on any 12-24V AC/DC power source
- Power supply included

The **SRC-1** enables a standard touch tone phone to securely operate a set of timed 5 Amp relay contacts to control a door strike or gate controller from a remote location. The **SRC-1** is fully user programmable and uses non-volatile memory. The **SRC-1** eliminates the possibility of dialing the activation code through the entry phone using a hand held touch tone dialer. The **SRC-1** can be used with any of Viking's analog Entry Phones and Doorboxes. A postal lock input is provided.

| Model | DOD |
|-------|-----|
| SRC-1 | 176 |



Remote DTMF Controller for a Single Relay

- Programmable access code
- Normally open or normally closed relay
- Selectable relay operation times
- Easy installation

The **RC-2A** provides remote relay operation from any standard touch tone telephone. The controller is designed to be installed either locally or remotely. For local installations the **RC-2A** can be installed in parallel on any analog communications path, such as analog CO lines or analog PABX/FXS stations and will passively monitor for touch tone commands. For off-premise applications, the **RC-2A** will answer analog CO lines or PABX/FXS stations after a selectable ring delay. A field programmable access code can be programmed to prevent unauthorized usage, and then the **RC-2A** can be activated to allow remote relay operation. Power supply included.

| Model | DOD |
|-------|-----|
| RC-2A | 160 |



Remote DTMF Controller for 3 Relays

- Operational commands can be customized 1, 2 or 3 digits in length
- Relay interrogation tones
- Programmable relay times
- Cascade up to three **RC-3** units to control up to nine relays

The **RC-3** enables a standard touch tone phone to control up to 3 maintained ON, maintained OFF, or momentary relay contacts from a remote location. The **RC-3** is fully user programmable and uses non-volatile memory. Up to three units can be daisy chained on the same line to control up to nine relays. The **RC-3** features switchable 32V talk battery allowing easy installation on a trunk / FXO port. In addition, the unit can be connected directly to a CO line or analog PABX/FXS station. Power supply included.

| Model | DOD |
|-------|-----|
| RC-3 | 165 |



Network Enabled Relay Controller

- Notification by email or text message of sensor input state change
- Can be used as a secure remote relay for Viking VoIP phones
- Ready-to-use webpage control interface
- Encrypted login
- Relay names, input names, and input status can be customized on webpage

The **RC-4A** Network Enabled Relay Controller provides networked control of four relays via an easy-to-use web interface. The same interface can be used to check the status of four contact closure inputs. Relays can be toggled on or off, or user-programmed timed closures can be activated. The **RC-4A** can be configured to work as a remote relay for Viking IP phones, controlling door strikes and gates when a remote relay is required for security reasons. It can also be programmed to send an email or text message in response to a change in one or more of the sensor inputs. Two units can be set up so that activity on a sensor input of one unit will automatically activate one of the relays on the other unit. Power supply included.

| Model | DOD |
|-------|-----|
| RC-4A | 582 |



Door Entry Phones

| Features | Analog Models | VoIP Models |
|--|---|--|
| <ul style="list-style-type: none"> Analog or VoIP interface Easy one button push operation Remotely programmable Programmable maximum call length Selectable auto-answer feature allows remote monitoring Adjustable microphone and speaker volume Available with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating Optional Surface Mount Boxes available (sold separately), see page 30 | <ul style="list-style-type: none"> Telephone line powered Interface to a CO line, analog PABX station, or FXS port Intelligent call progress detection for automatic hang-up on CPC, silence, busy signal, or time out Button will place / hang-up a call Adjustable microphone and speaker volume Programmable maximum call length Selectable auto-answer feature allows remote monitoring Programmable VOX (mic/speaker) switching speed Wide operating temperature range: -30°F to 150° F | <ul style="list-style-type: none"> 2 Amp relay contacts for door or gate control SIP compliant PoE powered (class 1, <4 Watts) Automatic Noise Canceling (ANC) for proper operation in noisy environments Polling and programming software included Network downloadable firmware Program to dial up to 5 numbers on busy or ring no answer Hangs up on busy signal, time-out, or touch tone command Remotely programmable Wide operating temperature range: -40°F to 140°F |

| Model | Analog | VoIP | EWP | Camera | DOD |
|-------------|--------|------|-----|--------|-----|
| E-10A | • | | | | 210 |
| E-10A-EWP | • | | • | | 210 |
| E-10-IP | | • | | | 248 |
| E-10-IP-EWP | | • | • | | 248 |
| E-20B | • | | | | 210 |
| E-20B-EWP | • | | • | | 210 |
| E-20-IP | | • | | | 248 |
| E-20-IP-EWP | | • | • | | 248 |
| E-30 | • | | | | 212 |
| E-30-EWP | • | | • | | 212 |
| E-30-IP | | • | | | 248 |
| E-30-IP-EWP | | • | • | | 248 |
| E-32 | • | | | | 212 |
| E-32-EWP | • | | • | | 212 |
| E-32-IP | | • | | | 248 |
| E-32-IP-EWP | | • | • | | 248 |
| E-35 | • | | | • | 178 |
| E-35-EWP | • | | • | • | 178 |
| E-35-IP | | • | | • | 251 |
| E-35-IP-EWP | | • | • | • | 251 |
| E-30-PT | • | | | | 214 |
| E-30-PT-EWP | • | | • | | 214 |

What is EWP? Viking's Enhanced Weather Protection (EWP) products are weather-sealed with a thick protective coating that keeps the elements out. Applications where products are installed outdoors, or in harsh/corrosive environments like a swimming pool area or beach, should always use the EWP version. Learn more about EWP, see DOD 859.



E-10A / E-10-IP

- Heavy-duty black aluminum faceplate (5.0" x 5.0")
- Flush mount
- Optional Surface Mount Boxes



E-20B / E-20-IP

- Impact resistant UV stable light gray plastic chassis
- Dimensions: 5.5" x 4.5"
- Surface mount only



E-30 / E-30-IP

- Heavy-duty brushed 316 stainless steel faceplate (5.0" x 5.0")
- Flush mount
- Optional Surface Mount Boxes



E-35 / E-35-IP

- Built-in analog video camera (see pg 5)
- Heavy-duty brushed 316 stainless steel faceplate (5.0" x 5.0")
- Optional Surface Mount Boxes



E-30-PT

- "Push-to-Talk" button
- For use in very noisy areas
- Heavy-duty brushed 316 stainless steel faceplate (5.0" x 5.0")
- Optional Surface Mount Boxes



E-32 / E-32-IP

- Heavy-duty brushed 316 stainless steel faceplate (5.0" x 5.0")
- Flush mounts in a standard double gang box

Compact Analog Color Video Camera Kits



VCAM-1

The **VCAM-1** features tilt and swivel adjustment, stainless steel mounting hardware, potted circuit board, 12VDC adapter / wire connections. For IR illuminator compatibility use model **VCAM-1IR**.

Single Gang Analog Video Camera

VCAM-2-BN



VCAM-2-SS

- Fits in a standard single gang box
- Wide viewing angle (see page 5 for info)
- Enhanced Weather Protection (EWP)
- Power supply included
- Replacement faceplates available

| Model | Description | DOD |
|---------------|---|-----|
| VCAM-1 | Analog Color Camera | 190 |
| VCAM-1IR | IR Analog Color Camera | 190 |
| VCAM-2-SS | Stainless Steel Single Gang Box with Camera | 190 |
| VCAM-2-BN | Oil Rubbed Bronze Single Gang Box with Camera | 190 |
| PNL-VCAM-2-SS | Replacement Faceplate for VCAM-2-SS | 190 |
| PNL-VCAM-2-BN | Replacement Faceplate for VCAM-2-BN | 190 |

Features

- Analog or VoIP interface
- Convenient handsfree communication
- Easy one button push operation
- Remotely programmable
- Programmable maximum call length
- Selectable auto-answer feature allows remote monitoring
- Adjustable microphone and speaker volume
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating
- Optional Surface Mount Boxes available (pages 30-31), sold separately

Analog Models

- Telephone line powered
- Interface to a CO line, analog PABX station, or FXS port
- Intelligent call progress detection for automatic hang-up on CPC, silence, busy signal, or time-out
- Adjustable microphone and speaker volume
- Programmable maximum call length
- Selectable auto-answer feature allows remote monitoring
- Programmable VOX (mic/speaker) switching speed
- Operating temperature: -30° F to 150° F

Compatible Viking Controllers:

- C-200** (page 40)
- C-250** (page 40)
- C-500** (page 40)
- C-2000B** (page 40)
- SRC-1** (page 39)

VoIP Models

- 2 Amp relay contacts for door or gate control
- SIP compliant
- PoE powered (class 1, <4 Watts)
- Automatic Noise Canceling (ANC) for proper operation in noisy environments
- Network downloadable firmware
- Programmable to dial up to 5 numbers on busy or ring no answer
- Hangs up on busy signal, time-out or touch tone command
- Remotely programmable
- Operating temperature: -40°F to 140°F

Models on pages 42-43 available in these finishes



What is EWP?

Viking's Enhanced Weather Protection (EWP) products are weather-sealed with a thick protective coating that keeps the elements out. Applications where products are installed outdoors, or in harsh/corrosive environments like a swimming pool area or beach, should always use the EWP version.

For more information on Enhanced Weather Protection, see DOD 859.

Enhanced Weather Protection

- PCB completely sealed in an injection molded thermoplastic potting compound
- Sealed LED, push button switch and mic connections
- Internally sealed switches, trim pots and dip switches
- Mylar speaker with foam gasket
- Gasketing to prevent water penetration
- Connectors filled with anti-corrosive gel
- EWP products are designed to meet an Ingress Protection rating of IP66

Analog Single Gang Entry Phones

| Model | Finish | Analog | EWP | Camera | DOD |
|-------------|-----------|--------|-----|--------|-----|
| E-40-SS | Stainless | • | • | • | 187 |
| E-40-SS-EWP | Stainless | • | • | • | 187 |
| E-40-BN | Bronze | • | • | • | 187 |
| E-40-BN-EWP | Bronze | • | • | • | 187 |
| E-40-WH | White | • | • | • | 187 |
| E-40-WH-EWP | White | • | • | • | 187 |
| E-40-BK | Black | • | • | • | 187 |
| E-40-BK-EWP | Black | • | • | • | 187 |
| E-50-SS | Stainless | • | • | • | 191 |
| E-50-SS-EWP | Stainless | • | • | • | 191 |
| E-50-BN | Bronze | • | • | • | 191 |
| E-50-BN-EWP | Bronze | • | • | • | 191 |
| E-50-WH | White | • | • | • | 191 |
| E-50-WH-EWP | White | • | • | • | 191 |
| E-50-BK | Black | • | • | • | 191 |
| E-50-BK-EWP | Black | • | • | • | 191 |



E-40 Series

- Vandal resistant 18 gauge 304 stainless steel faceplate
- Blue LED helps locate the push button, as well as indicate ringing and off-hook
- Compact size 4.87"H x 3.12"W x 1.7"D
- Flush mounting in a standard single gang box
- Optional **VE-3x5** surface mount box (page 31)
- Replacement faceplates available in all finishes, see DOD 188

E-40-SS (Brushed Stainless Steel finish)



E-50 Series

- Built-in color composite video camera with 420 lines of resolution (see page 5 for camera information)
- Audio and video transmission on one Cat-5e cable
- Compact size 4.87"H x 3.12"W x 1.7"D
- Flush mounting in a standard single gang box
- Optional **VE-3x5** surface mount box (page 31)
- Camera power supply included
- Replacement faceplates available in all finishes, see DOD 192

E-50-BN (Oil Rubbed Bronze finish)



Analog and VoIP Double Gang Entry Phones

For Features and Operation see page 42



E-60-SS (Brushed Stainless Steel finish)

E-60 / E-60-IP Series

- VoIP or Analog models available
- Vandal resistant 18 gauge 304 stainless steel faceplate
- Blue LED helps locate the push button, as well as indicate ringing and off-hook
- Dimensions: 4.87" x 4.94" x 1.7"
- Flush mount in a standard double gang box
- Optional Surface Mount Boxes available (page 30), sold separately
- Replacement faceplates available in all finishes, see DOD 209

| Model | Finish | Analog | VoIP | EWP | DOD |
|----------------|-----------|--------|------|-----|-----|
| E-60-SS | Stainless | • | • | • | 206 |
| E-60-SS-EWP | Stainless | • | • | • | 206 |
| E-60-SS-IP | Stainless | • | • | • | 250 |
| E-60-SS-IP-EWP | Stainless | • | • | • | 250 |
| E-60-BN | Bronze | • | • | • | 206 |
| E-60-BN-EWP | Bronze | • | • | • | 206 |
| E-60-BN-IP | Bronze | • | • | • | 250 |
| E-60-BN-IP-EWP | Bronze | • | • | • | 250 |
| E-60-WH | White | • | • | • | 206 |
| E-60-WH-EWP | White | • | • | • | 206 |
| E-60-WH-IP | White | • | • | • | 250 |
| E-60-WH-IP-EWP | White | • | • | • | 250 |
| E-60-BK | Black | • | • | • | 206 |
| E-60-BK-EWP | Black | • | • | • | 206 |
| E-60-BK-IP | Black | • | • | • | 250 |
| E-60-BK-IP-EWP | Black | • | • | • | 250 |

Analog Double Gang Entry Phones

For Features and Operation see page 42



E-65-SS shown in VE-5x5 Surface Mount Box (sold separately)

E-65 Series

- Built-in color composite video camera with 420 lines of resolution (see page 5 for camera information)
- Audio and video transmission on one Cat-5e cable
- Dimensions: 4.87" x 4.94" x 1.7"
- Flush mount in a standard double gang box
- Shown in optional VE-5x5 Surface Mount Box (page 30), sold separately
- Camera power supply included
- Replacement faceplates in all finishes, see DOD 201

| Model | Finish | Analog | EWP | Camera | Proximity | DOD |
|-------------|-----------|--------|-----|--------|-----------|-----|
| E-65-SS | Stainless | • | • | • | • | 203 |
| E-65-SS-EWP | Stainless | • | • | • | • | 203 |
| E-65-BN | Bronze | • | • | • | • | 203 |
| E-65-BN-EWP | Bronze | • | • | • | • | 203 |
| E-65-WH | White | • | • | • | • | 203 |
| E-65-WH-EWP | White | • | • | • | • | 203 |
| E-65-BK | Black | • | • | • | • | 203 |
| E-65-BK-EWP | Black | • | • | • | • | 203 |
| E-70-SS | Stainless | • | • | • | • | 207 |
| E-70-SS-EWP | Stainless | • | • | • | • | 207 |
| E-70-BN | Bronze | • | • | • | • | 207 |
| E-70-BN-EWP | Bronze | • | • | • | • | 207 |
| E-70-WH | White | • | • | • | • | 207 |
| E-70-WH-EWP | White | • | • | • | • | 207 |
| E-70-BK | Black | • | • | • | • | 207 |
| E-70-BK-EWP | Black | • | • | • | • | 207 |
| E-75-SS | Stainless | • | • | • | • | 208 |
| E-75-SS-EWP | Stainless | • | • | • | • | 208 |
| E-75-BN | Bronze | • | • | • | • | 208 |
| E-75-BN-EWP | Bronze | • | • | • | • | 208 |
| E-75-WH | White | • | • | • | • | 208 |
| E-75-WH-EWP | White | • | • | • | • | 208 |
| E-75-BK | Black | • | • | • | • | 208 |
| E-75-BK-EWP | Black | • | • | • | • | 208 |



E-70-WH (Satin White finish)

E-70 Series

- Built-in 125KHz compatible 26-bit Wiegand proximity reader, see page 36 for additional compatible Viking products
- Dimensions: 4.87" x 4.94" x 1.7"
- Flush mount in a standard double gang box
- Optional Surface Mount Boxes (page 30)
- Replacement faceplates in all finishes, see DOD 200



E-75-BK (Textured Black finish)

E-75 Series

- Built-in color composite video camera with 420 lines of resolution (see page 5 for camera information)
- Audio and video transmission on one Cat-5e cable
- Built-in 125KHz compatible 26-bit Wiegand proximity reader, see page 36 for compatible products
- Dimensions: 4.87" x 4.94" x 1.7"
- Flush mount in a standard double gang box
- Optional Surface Mount Boxes (page 30)
- Replacement faceplates in all finishes, see DOD 211

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