

XVI

MEGAPIXEL VIDEO
HD over UTP / Coax



Kit Contains:
 1 – EVI-0813
 6 – XVI-13IRB
 1 – USB Mouse



- 8 Ch Embedded DVR with 2TB HDD plus 6 IR 1.3MP Dome Camera
- HD Quality with Easy BNC Analog style Plug and Play
- Transmission over Twisted Pair (with Balun) or Coaxial Cable up to 1500 feet
- Free DDNS, VMS Software, User-Friendly GUI and Web Server
- 6 x HD 720P 3.6mm Cameras with BNC Connector, Smart IR, OSD, IP66 & DC12V



DVR Features:

8 Channel HD Digital Video Recorder

- ❖ 8 Channel with 1080p realtime live view
- ❖ 4 Channel synchronous real-time playback
- ❖ H.264 dual-stream video compression
- ❖ 720P recording on all channels
- ❖ Support 1 SATA HDD with up to 6TB
- ❖ HDMI / VGA simultaneous video output
- ❖ Mouse controlled PTZ camera operation
- ❖ GRID interface & smart search
- ❖ Dual-core embedded processor
- ❖ Multiple network monitoring: Web, HD-VMS
- ❖ HD over UTP or Coax cable
- ❖ 3D intelligent positioning with WatchNET XVI PTZ dome camera

HD

Video, PTZ Control & OSD
in just one cable

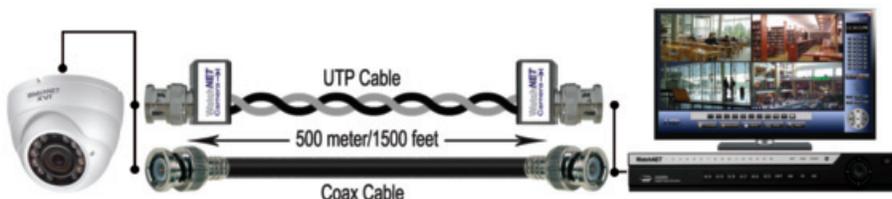
Camera Features:

1/3" 1.3 Megapixel HD CMOS image sensor

- ❖ IP66 Infrared housing
- ❖ DC12V (500mA)
- ❖ Resolution - 1280(H)×720(V)
1280×720@25 fps
- ❖ Max. IR Distance: 20m Outdoor/30m Indoor
- ❖ High speed, long distance real-time transmission
- ❖ Smart IR (Auto sensitivity control)
- ❖ OSD Menu, control over coaxial cable
- ❖ Day/Night (ICR), AWB, AGC, BLC, 3D-DNR
- ❖ MegaPixel Lens: 3.6mm Fixed focus



Back Box Available
(BRACK-BALL-W-S)



iPhone



Model	EVI-0813	
System	Main Processor	Dual-core embedded processor
	Operating System	Enhanced Embedded LINUX OS
Video	Input	8 channel, BNC
	Standard	1080P(25/30) / 720P(25/30,50/60)
Audio	Input / Output	1 channel, RCA / 1 channel, RCA
	Two-way Audio	Reuse audio input/output channel 1
Display	Interface	1 HDMI, 1 VGA
	Resolution	1920×1080, 1280×720
	Display Split	1/4/9
	Privacy Masking	4 rectangular zones (each camera)
	OSD	Camera title, time, video loss, camera lock, motion detection, recording
Recording	Video/Audio Compression	H.264 / G.711
	Image Resolution	720P(1280×720/1280×600)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) CIF(352×288/352×240) / QCIF(176×144/176×120)
	Record Speed	Main Stream: 720P/960H/D1/HD1/2CIF/CIF(1~25/30fps) Extra Stream: CIF/QCIF(1~25/30fps)
	Bit Rate	48~6144Kb/s
	Recording Mode	Manual, Schedule, Regular (Continuous), MD, Alarm, Stop
	Recording Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips
	Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
	Alarm Input	N/A
	Relay Output	N/A
Playback & Backup	Sync Playback	1/4/9
	Search Mode	Time/Date, MD & Exact search (accurate to second)
	Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Network	Backup Mode	USB Device / Network
	Ethernet	RJ-45 port (10/100M)
	Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter
Storage	Max. User Access	20 users
	Smart Phone	iPhone, iPad, Android
Auxiliary Interface	Internal HDD	1 SATA port, up to 6TB
	USB Interface	2 ports(1 Rear), USB2.0
General	RS485	1 port, For PTZ control
	Power Supply	DC12V/2A
	Power Consumption	10W(without HDD)
	Working Environment	-10°C ~ +55°C / -14°F ~ +131°F / 10 ~ 90%RH / 86 ~ 106kpa
	Dimension (W×D×H)	Mini 1U, 325mm×245mm×45mm / 12.8"×9.6"×1.77"
	Weight	1.5KG / 3.3Lb (without HDD)

Model	XVI-13IRB
Image Sensor	1/3" 1.3 Megapixel HD CMOS image sensor
Effective Pixels	1280(H) x 720(V)
Electronic Shutter	4/30~1/54,000s
Mini. Illumination	0.01Lux@F1.2(0Lux IR LED on)
OSD Menu	Support
Day/Night	Auto(ICR) / B&W / Color
Synchronization	Internal
Noise Reduction	3D/2D
Max. IR LEDs Length	20M Outdoor / 30M Indoor
Lens	
Focal Length	Fixed 3.6mm
Mount Type	M12
Video	
Video Output	1-channel BNC high definition video output / CVBS Standard definition video output (Switchable)
Resolution	1280×720@25 fps
Environmental	
Ingress Protection	IP66
Power Supply	DC12V±10% (500mA)
Power Consumption	Max 3.5W
Transmission Distance	Over 500m via 75Ω coaxial cable
Operating Temp. Humidity	-35°C ~ +60°C / -31°F ~ +140°F, 10% ~ 90%
Dimension / Weight	113.6mm x 85.4mm / 4.47" x 3.36" / 300g / 0.661lb

All logos & trade marks represent the registered users only. All rights reserved.
All product specifications on this brochure are subject to change without notice.

CANADA:
351 Ferrier Street, Unit 5
Markham, ON L3R 5Z2
Toll Free: 1-866-843-6865
Tel: 416-410-6865
Fax: 1-866-331-3341

USA:
171 Cooper Ave. Suite 110
Tonawanda, NY 14150 USA
Toll Free: 1-855-404-3193
Local: 1-716-877-7277
Fax: 1-866-331-3341

info@watchnetinc.com
www.watchnetinc.com

INDIA:
RZ- 2, Ground Floor
Kapashera
Opp Kapashera Police Station
New Delhi-110037
Tel/Fax: + 91 11 26816005

UAE:
P O Box 126312
No 703, Oxford Towers
Business Bay
Dubai, UAE
Tel: + 971 4 2767117