



Summary

COVA is DW's gateway appliance to cloud-managed services. It is an easy-to-use recording solution for myDW subscribers, combining cloud monitoring, health management and clip sharing with on-site storage – Optimized and Secure.

The COVA NVR is managed through myDW health monitoring services, with video recorded locally and live viewing, playback, event notifications and user management available through the COVA web client, myDW dashboard and DW Mobile+ App. The hardware has 16 built-in PoE ports with 25.5 watts power, supports recording at real-time 30fps at up to 8K (16MP) resolution, and up to 32TB storage. It is protected by DW's and an unbeatable full 5-year warranty.

Features

- Complete installation in minutes!
- Setup and camera configuration via the DW Mobile Plus App. Skip the local monitor!
- Record and manage single-sensor IP cameras at real-time 30fps up to 8K, with 192Mbps maximum throughput
- 16GB myDW cloud storage for Clip Share included
- Includes 12 months subscription to myDW services
- Local power for up to 16 IP cameras via resident PoE switch makes the installation seamless and efficient.
- Remote user and event management via myDW health monitoring services.
- Upload events to myDW via Clip Share to address critical events quickly and efficiently.
- Up to 32TB local storage
- Compatible with ONVIF cameras
- Live, playback and video archiving via the web client
- Static and dynamic live camera views
- Event notifications and system health reports via myDW
- IdentiSee enables the search of individuals and vehicles that AI cameras have detected.
- Audio communications from supported IP cameras
- Local alarm sensor input and relay output for access control integration
- NDAA-compliant for federal and government projects
- 19" rack mount ears included
- 5 year warranty

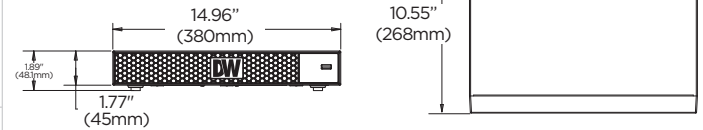
Accessories (Included)



19" rack mount ears

Dimensions

Unit: Inch (mm)



Specifications

| VIDEO | | |
|-------------------------------------|-------------------------------|---|
| Operating system | | Embedded Linux |
| System | Channels | 16 channels |
| | Number of PoE ports | 16 PoE ports |
| | Supported camera resolutions | Up to 8K (16MP) |
| Display | Video output ports | True HD, VGA |
| | Video output resolution | True HD: 3840 x 2160 / 1920 x 1080 / 1280 x 1024 / 1024 x 768 VGA: 1920 x 1080 / 1280 x 1024 / 1024 x 768 |
| | Display speed | Real-time 30fps live display per channel. |
| | Screen display mode | 1, 4, 9, 16 |
| Ports | System operations | USB mouse |
| | USB | USB 2.0 x 2 |
| | RS 485 | Yes, for PTZ or keyboard |
| LOCAL PERFORMANCE | | |
| Recording resolution | | Up to 16MP |
| Recording speed | | Up to 30fps per channel in any resolution |
| Maximum throughput | | 192 Mbps |
| Recording modes | | Schedule, continuous, event |
| Decoding | Live view and playback | Up to 30fps |
| | Network input | 16-channels input from supported IP cameras |
| Audio | Local input/output | Disabled |
| | Compression | G.711(U/A) |
| | Input | 8 In |
| Alarm | Output | 4 Out |
| | Triggering | Record, snap, preset, e-mail, etc. |
| Storage | HDD interface | 2x SATA HDDs |
| | Maximum internal storage | Up to 32TB |
| NETWORK PERFORMANCE | | |
| LAN | | 10/100/1000Mbps Ethernet (JR45) |
| Compression | | H.265 / H.264 |
| Protocol | | TCP / IPa, IPv4, IPv6, UDP, DHCP, DNS, DDNS, UPnP, NTP, HTTP, SMTP, 802.1x, RTSP, RTP, RTCP, WebSocket, ONVIF |
| Access | Remote web client features | Live monitoring, remote playback and file backup Playback up to 16 channels, 30fps per channel Timeline, calendar (date and time), event search, IdentiSee Remote system reboot, FW updates, system management and remote PTZ control. |
| | myDW camera health monitoring | Cloud-Base Health Monitoring User management, events and system health notifications, video share and cloud upload Remote system reboot, FW updates and system management |
| | Max stream connections | up to 64CH, Playback: up to 16CH |
| Remote time sync | | Time synchronization to an NTP server (pool.ntp.org) |
| System recovery after power failure | | Auto-reboot and journaling file system |
| Backup | | Over the network, video share via myDW cloud-based VMS |
| GENERAL | | |
| Operating temperature | | 14 - 122°F (-10 - 50°C) |
| Operating humidity | | 10% - 90% humidity |
| System | Power requirements | DC48V/3.75A |
| | Power consumption | Up to 20W (without HDD and PoE power supply) |
| PoE | PoE ports | RJ 45 100Mbps x 16 |
| | Standards | IEEE802.3AF/AT |
| | Maximum power per port | 802.3AT |
| | Output power | Up to 150W |
| Dimensions (WxDxH) | | 14.96" x 10.55" x 1.77" (380 x 268 x 45mm) |
| Certificate | | CE, FCC, NDAA, RoHS |
| Warranty | | 5 year warranty |

