Eagle Eye Enterprise CMVR

520, 620, 820

The Eagle Eye Cloud Managed Video Recorder (CMVR) stores video and acts as a gateway from your premises to the Eagle Eye Cloud Data Center where your video can also be stored and managed by the Eagle Eye Cloud VMS. It provides video storage, video buffering, a secure connection, bandwidth management, and monitoring of cameras.

These larger Enterprise class CMVRs are designed with redundant power supplies and redundant storage systems to provide maximum reliability. To ensure critical video content availability these systems utilize RAID (Redundant Array of Independent Disk) storage. These CMVRs can be combined and configured to support any number of cameras.

System administration

- 100% browser-based; no software
- Granular user permissions
- Multi-site support
- Point and click video sharing
- Centralized management

Recording features

- Video encrypted in transit and at rest
- Fully cloud managed
- Intelligent Bandwidth Management with local buffering
- Motion or continuous recording
- Optional audio recording

Web interface & mobile features

- Native iOS and Android apps
- View live and recorded video
- Compatible with all modern browsers
- Motion detection with alerts
- Map and floorplan display

What is the Eagle Eye Cloud VMS?

The Eagle Eye Security Camera VMS is a fully managed cloud video surveillance solution, delivering an end-to-end video management system that's simple to deploy and easy to use. It supports all modern browsers and works on Windows, Mac, even Linux with no plugins to install.

Fully mobile

View video anytime, anywhere. The fully functional iOS and Android applications provide complete access to live and recorded video and can also be used to install, configure and manage the system.

Got cloud?

Eagle Eye Networks provides a cloud based, video management system. The Eagle Eye Bridge is installed on-site, connects to your cameras, records video locally, and then securely synchronizes both video and meta data to the Eagle Eye Cloud Data center. It's a robust, secure appliance specifically designed to overcome the demands of transmitting high-resolution video through the Internet.

Comprehensive camera support

At Eagle Eye Networks we believe camera compatibility is important. There's no need to be locked into a single camera vendor. Businesses need the flexibility to work with the cameras that they choose. Eagle Eye Bridges and CMVRs support ONVIF Profile S IP cameras. Eagle Eye Combo Bridges and CMVRs support IP as well as NTSC and PAL analog cameras. For an up to date list of all compatible cameras visit www.een.com/cameras.

Worry free management

All of the software in the Eagle Eye Cloud and firmware on the Eagle Eye Bridge is managed and updated by Eagle Eye Networks. The hardware is fully backed by Eagle Eye with full replacement if anything ever goes wrong.

Security simplified

With Eagle Eye Complete Privacy EncryptionTM, video is fully encrypted during transmission and at rest. The Eagle Eye Bridge has no open ports to the Internet, eliminating security vulnerabilities commonly found in other systems and requiring no router or firewall adjustments.

MODEL	CMVR 520	CMVR 620	CMVR 820
Max Cameras*	Up to 50 IP Cameras @4MP	Up to 100 IP Cameras @4MP	Up to 165 IP Cameras @4MP
Max Analytic Count*	20	30	40
LPR Support*	Up to 4 LPR Cameras	No	No
Storage Capacity	40TB (raw), 30TB (useable) RAID 5 (30 days for 40 cameras @ 4MP)	64TB (raw), 48TB (useable) RAID 5 (30 days for 60 cameras @ 4MP)	120 TB (raw), 100TB (useable) RAID 6 (30 days for 130 cameras @ 4MP)
POE Camera Ports	None	None	None
Network Ports	Dual Gigabit	Dual Gigabit	Dual Gigabit
Video Output	HDMI (1), VGA (1), DP (1)	HDMI (1), VGA (1), DP (1)	HDMI (1), VGA (1), DP (1)
Dimension	437 x 503 x 43 mm 17.20 x 19.85 x 1.70 in 1U	437 x 503 x 43 mm 17.20 x 19.85 x 1.70 in 1U	437 x 647 x 89 mm 17.20 x 25.50 x 3.50 in 2U
Weight	12.25 kg 27.00 lbs	12.25 kg 27.00 lbs	23.5 kg 51.9 lbs
Maximum Power Consumption	Internal 100-240 VAC, 160 W	Internal 100-240 VAC, 210 W	Dual Internal 100-240 VAC, 280 W
Operating Temperature Range	0-35° C 32-95° F	0-35° C 32-95° F	0-35° C 32-95° F
Operating Humidity Range	0-70%	0-70%	0-70%
Certifications	FCC, UL, PSE, CE, CCC (S&E)	FCC, UL, PSE, CE, CCC (S&E)	FCC, UL, PSE, CE, CCC (S&E)
Rapid Replacement Part Numbers	EN-RR520-1 (Monthly) EN-RR520-12 (Yearly)	EN-RR620-1 (Monthly) EN-RR620-12 (Yearly)	EN-RR820-1 (Monthly) EN-RR820-12 (Yearly)

* Typical - please utilize the Eagle Eye VMS Bridge Wizard for precise capacity

Network features

- Automatic network configuration
- Secure camera network (dual network ports)
- No inbound connections needed
- Packet loss detection/reporting
- Network disconnected alerts

Management features

- Remote management
- Automatic camera discovery
- Automatic camera configuration
- Advanced motion detection
- Local video buffering
- Configuration synced to Cloud
- Camera trouble alerts
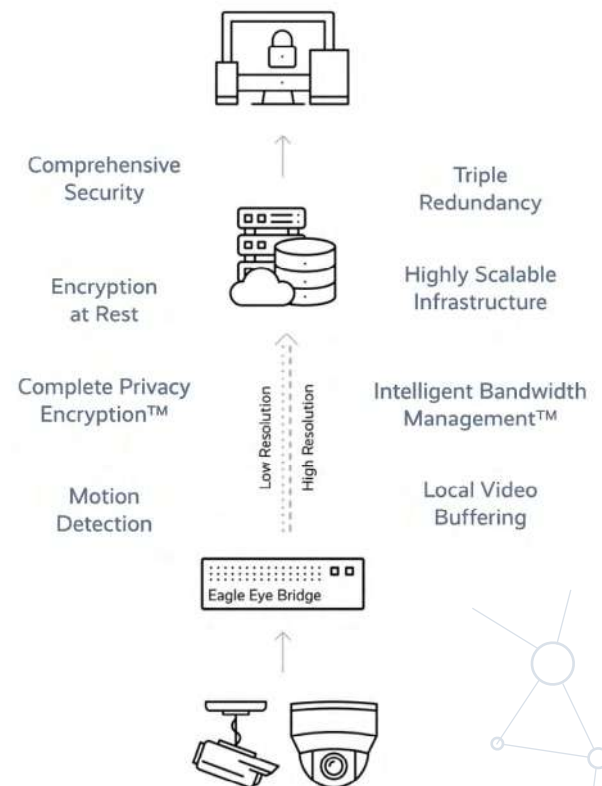- Internet outage alerts
- Fully cloud managed

Standard Support (Included)

- Free of charge with an active subscription
- Bridge - no cost replacement, CMVR - 2 year warranty
- 24/7 email and web support
- 8 am to 6 pm phone support

Rapid Replacement (Recommended)

Eagle Eye's comprehensive program for hardware warranty and upgrades.

- Extends warranty up to 20 years
- 24/7 priority support via phone, email and web
- Overnight cross shipping of warranty replacement if needed
- Full equipment upgrade every 6 years upon request

Comprehensive Security

Encryption at Rest

Complete Privacy Encryption™

Motion Detection

Triple Redundancy

Highly Scalable Infrastructure

Intelligent Bandwidth Management™

Local Video Buffering

Low Resolution / High Resolution

Eagle Eye Bridge