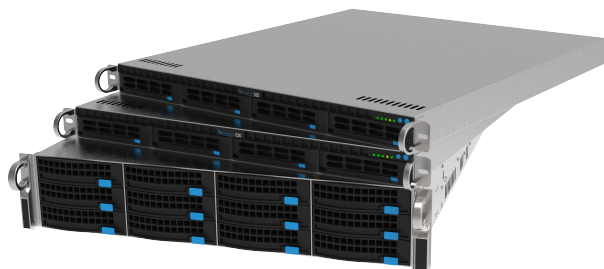# WISENET SKY

CMVR 520/620/820

Wisenet SKY Enterprise 1U/2U Rack Cloud Managed Video Recorder

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

These 1U & 2U rack-based CMVRs are designed to fit in a standard equipment rack. The rack mount CMVRs are offered in a range of sizes to support larger camera counts.

Key Features

- Supports up to 150 @ 1MP cameras ~ 120 @ 4MP cameras*
- Supports up to 40 cloud analytics, with supported license
- Intelligent Bandwidth Management with local recording up to 40 days
- RAID5/6 hard disk redundancy (*level depends on model)
- Dual gigabit network ports
- HDMI & DisplayPort video outputs for local display
- 1U/2U Rack mount
- Fully cloud managed
- Supports motion or continuous recording
- Front panel indicator lights
- Supports Wisenet and ONVIF conformant IP cameras
- Complete encryption of video in transit and at rest

STANDARD SUPPORT (Included)

- Free of charge with an active subscription
- No cost replacement with an active subscription
- 24/7 email and web support
- Standard phone support

	CMVR 520 / CMVR 620 / CMVR 820
SYSTEM	
Maximum Cameras 1MP Maximum	50 / 100 / 150
Cameras 4MP Maximum Cloud	40 / 80 / 120
Analytics	20 / 30 / 40
Raw Hard Disk Drive / Storage @ 1MP	40TB RAID5 (40 days) / 64TB RAID5 (30 days) / 72TB RAID6 (40 days)
Usable RAID Storage	30TB / 48TB / 66TB
Network ports	Dual gigabit ethernet RJ-45
Video output	1x VGA, 1x HDMI, 1x DisplayPort
Indicator Lights	Power, disk activity, warning
USB ports	2x USB 3.0
Operating System	Embedded Linux
Included accessories	Power cord, rack mount brackets
Rack Mount Brackets	Included
Ordering SKU	EN-BR520-0 / EN-BR620-0 / EN-BR820-0

MECHANICAL / ELECTRICAL / ENVIRONMENTAL		
Mechanical	Form Factor	Rack mount or shelf/tabletop mount
	Color / Material	Black & Silver / Metal
	Dimensions	17.20 x 19.85 x 1.70 in (437 x 503 x 43mm) 1U CMVR 520/620
		17.20 x 25.50 x 3.50 in (437 x 647 x 89mm) 2U CMVR 820
	Weight	520/620: 27lb (12.25kg) / 820: 51.9lb (23.54kg)
Electrical	Power Supply	Internal, 160 W / 210 W / 280 W
	Power Input	100 ~ 240V AC
Environmental	Operating Temperature	32°F to 95°F (0°C to 35°C)
	Operating Humidity	0% to 70% RH, non-condensing
Certification		FCC, UL, PSE, CE, CCC(S&E), REACH, RoHS, C-Tick, NDAA

The latest product information / specification can be found at www.hanwhasecurity.com

Please note:
An active license is required to use the Wisenet SKY
   ***Typical - please utilize the Wisenet SKY VMS CMVR Wizard for precise capacity**
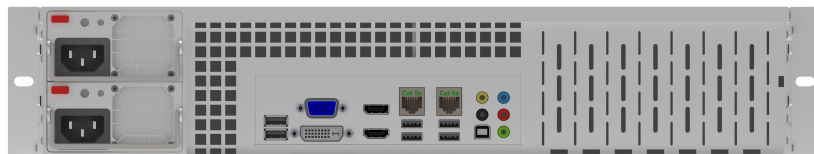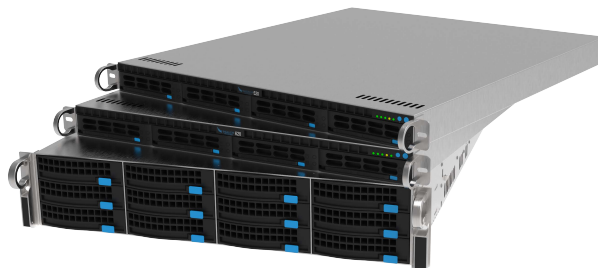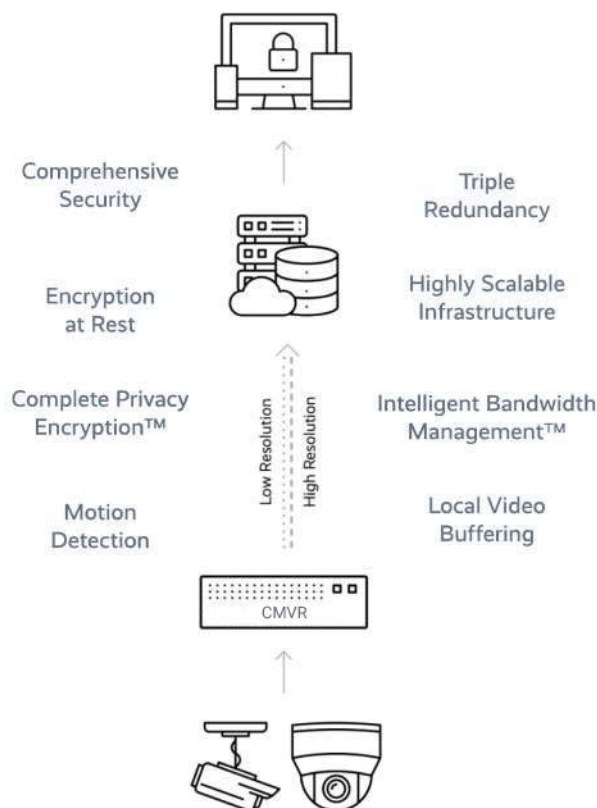
CMVR 520

CMVR 620

CMVR 820

Hanwha Techwin

CMVR 520/620/820

Wisenet SKY Enterprise 1U /2U Rack Cloud Managed Video Recorder

Low Resolution / High Resolution

Comprehensive Security

Encryption at Rest

Complete Privacy Encryption™

Motion Detection

Triple Redundancy

Highly Scalable Infrastructure

Intelligent Bandwidth Management™

Local Video Buffering

CMVR

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

MODEL	CMVR 520	CMVR 620	CMVR 820
Maximum Cameras (1MP)*	50 IP	100 IP	150 IP
Maximum Cameras (4MP)*	40 IP	80 IP	120 IP
Maximum Analytic Count*	20	30	40
Video Storage	40TB RAID5	64TB RAID5	120TB RAID6
Video Retention @ 1MP	40 Days @ 50 cameras	30 Days @ 100 cameras	40 Days @ 150 cameras
Hard Drives	Spinning hard disk drives		
Network Ports	Dual Gigabit		
Video Output	1x VGA, 1x HDMI, 1x DisplayPort		
Dimension	17.20 x 19.85 x 1.70" 1U 437 x 503 x 43mm		17.20 x 19.85 x 1.70", 1U 437 x 503 x 43mm
Included power supply	Internal 100-240 VAC		
	160 W	210 W	280 W
Operating Temperature Range	0°C to 35°C 32°F to 95°F		
Operating Humidity Range	0 to 70%		
Certifications	FCC, UL, PSE, CE, CCC(S&E), REACH, RoHS, C-Tick, NDAA		

* Typical - please utilize the Wisenet SKY VMS CMVR Wizard for precise capacity

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