Command Recording Server – 500

A plug-and-play VMS solution for Linux and Windows systems that supports up to 500 cameras and 650Mbps

For customers who prefer their March Networks® VMS solution pre-loaded, the **Command Recording Server - 500** delivers our powerful video management functionality in a variety of server offerings that scale in performance to best match your requirements. These servers come pre-installed with March Networks Command™ Recording software and operating system options of either Linux Ubuntu or Microsoft Windows®, providing customers with a single interface to manage their entire video surveillance infrastructure.

Key Benefits

▼ **Powerful Video Management Software.** Get the features and tools you'll need to easily manage your video surveillance system.

▼ **Choose your OS.** Whether your business runs on Windows or Linux, Command Recording Server can meet your needs with the right OS pre-installed and pre-configured.

▼ **Complete solution.** Instead of ordering and installing the various hardware and software components separately, you can recognize the convenience and time savings associated with the one-stop ordering and support process.

▼ **Integrated, plug-and-play operation.** The operating system and video management software are pre-installed and pre-tested, which saves your organization time and reduces deployment costs. The server is certified for plug-and-play operations and optimum performance out-of-the-box.

▼ **Shadow Archiving.** In the event a network connection is interrupted, Command uses the recorded video from the camera's internal SD card, and re-integrates that video back into the right spot on the server when the network connection is re-established.

▼ **Automatic failover.** If a server's recording is interrupted, Command automatically switches to a standby server in less than 30 seconds. Video from the standby server will be transferred back to the primary server, either instantly or on a schedule.

▼ **Real-time health monitoring.** Be alerted to camera, recorder, and network issues within seconds.

▼ **Statistics dashboard.** Optimize surveillance and speed up troubleshooting via dashboards that provide data on system performance, recording performance, and incoming and outgoing bitrate.

Manage your video surveillance system with Command Recording Software, pre-installed on a server that best meets your system requirements.

Command Recording Server – 500

MODELS

DS07B Series	Dell Server with up to 12 HDDs

SYSTEM

Operating System	Linux Ubuntu Server 20.04 LTS Microsoft Windows 11 IoT Enterprise
Hard Drive Configuration	SATA, Hot-Swappable, RAID-5
Video Archive Capacity	Up to 198 TB effective (after RAID-5)
Processor	Intel® Xeon® Silver
Memory	32 GB RAM
Video Output	2 VGA
Optical Drive	None

VIDEO

Supported Command Versions	Command Recording Software (CRS)
Max IP Channel Inputs	500
Channel Licenses	Not included
Throughput	650 Mbps total (in and out) across 500 channels
Video Compression Support	H.264, H.264+, MPEG-4, MJPEG
Local Control	No
Network	4 x 1 GbE Ethernet (4 x RJ-45)
Concurrent Remote Users	20

VIDEO STORAGE

Internal Hard Drives	Up to twelve 3.5″ HDDs
Individual Drive Capacity	8TB, 12TB, 16TB and 18TB
Total Storage Capacity	RAID-5 24TB, 40TB, 60TB, 132TB, 176TB, 198TB
Drive Type	SAS

PHYSICAL

Dimensions (H x W x D)	3.4 x 17.1 x 25.5 in (8.6 x 43.4 x 64.8 cm)
Mounting	2U high, 19-inch rack mount
Maximum Weight	65.5 lbs (29.7 Kg)
Rack Rails Type	Ready Rails

ENVIRONMENTAL

Operating Temperature	50° to 95°F (10° to 35°C)
Humidity	10% to 80% Relative Humidity (non-condensing)
Storage Temperature	-40° to 149°F (-40° to 65°C)

ELECTRICAL

Power Supply	Single
Power Consumption	1100 W

REGULATORY

Regulatory Compliance	CE, FCC, ICES-003, cULus, TUV-GS, NEMKO, C-Tick

VIDEO STORAGE

Internal Hard Drives	Accommodates up to twelve 3.5″ HDDs

PHYSICAL

Dimensions (without ears and bezel)	3.4 x 18.8 x 29.1 in (8.64 x 47.8 x 73.9 cm)
Mounting	2U high, 19-inch rack mount
Maximum Weight	63.0 lbs (28.6 Kg)
Rack Rails Type	Ready Rails
Power Cable (included)	C13 to C14, PDU style, 12 Amp, 2 ft (0.6 m)

ENVIRONMENTAL

Operating Temperature	50° to 95°F (10° to 35°C)
Humidity	10% to 80% Relative Humidity (non-condensing)
Storage Temperature	-40° to 149°F (-40° to 65°C)

ELECTRICAL

Power Supply	Single, Hot-Plug, Power Supply Non Redundant. 1100W
Redundant Power Supply	Yes
Redundant Fans	Yes
Max BTU Output	4265 BTU per hour

REGULATORY

Regulatory Compliance	CE, FCC, ICES-003, cULus, TUV-GS, NEMKO, C-Tick

ORDERING INFORMATION

CRS Linux 500	CRS Windows 500	DS07B Series Servers
40569	40563	4x8TB (24TB RAID5) of internal storage
40570	40564	6x8TB (40TB RAID5) of internal storage
40571	40565	6x12TB (60TB RAID5) of internal storage
40572	40566	12x12TB (132TB RAID5) of internal storage
40573	40567	12x16TB (176TB RAID5) of internal storage
40574	40568	12x18TB (198TB RAID5) of internal storage
Additional Server Hard Drives and Accessories (for DS07B Series)		
40615	HDD, 8TB	
40616	HDD, 12TB	
40617	HDD, 16TB	
40618	HDD, 18TB	

MARCH® networks