

Command Recording Server – 128

A plug-and-play VMS solution that supports up to 128 cameras



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



The external storage option provides enterprise-class reliability with RAID-5, RAID-6 or RAID-10 hard drive configurations, and redundant fans and power supply. The hard drives and power supplies are hot-swappable

Key Benefits

- ▼ **Powerful Video Management Software.** Get the features and tools you'll need to easily manage your video surveillance system.
- ▼ **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.
- ▼ **External storage options.** Extend the server's storage even further with up to eight DAS External Storage Units.
- ▼ **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.

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| MODELS | |
|------------------------------|-----------------------------------------------------------------------------------------------|
| DS05C Series | Dell Server with up to 12 HDDs |
| SYSTEM | |
| Operating System | Microsoft Windows 10 IoT Enterprise |
| Hard Drive Configuration | SATA, Hot-Swappable, RAID-5 |
| Video Archive Capacity | Up to 110 TB effective (after RAID-5), expandable with up to eight DAS external storage units |
| Processor | Intel® Xeon® Silver |
| Memory | 16 GB RAM (2 x 8 GB) |
| Video Output | 1 VGA |
| Optical Drive | None |
| VIDEO | |
| Supported Command Versions | Command Recording Software (CRS) |
| Max IP Channel Inputs | 128 |
| Channel Licenses | Not included |
| Throughput | 450 Mbps total (in and out) across 128 channels |
| Image Rate | 3840 fps across 128 channels (30 fps per channel) |
| Video Compression Support | H.264, H.264+, MPEG-4, MJPEG |
| Local Control | No |
| Expandable Storage | Up to eight optional DAS external storage units |
| Expandable Storage Interface | Expandable through optional DAS storage expansion card (with P/N 36552) |
| 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 and 10TB |
| Total Storage Capacity | RAID-5 24TB, 40TB, 50TB, 110TB |
| Drive Type | Serial ATA (SATA) |
| 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 hot-swappable (option for dual redundant with P/N 36553) |
| Power Consumption | 750 W |
| REGULATORY | |
| Regulatory Compliance | CE, FCC, ICES-003, cULus, TUV-GS, NEMKO, C-Tick |

External Storage Options

| MODELS | |
|------------------------------------------------------------------|----------------------------------------------------------------------|
| DA14A Series | DAS External Storage Unit to extend storage for DS05C Series Servers |
| VIDEO STORAGE | |
| Internal Hard Drives | Accommodates up to twelve 3.5" HDDs |
| Video Storage Redundancy | Configurable RAID-5, RAID-6 and RAID-10 options |
| Connection to Server | SAS cables (2 included) |
| PHYSICAL | |
| Dimensions (without ears and bezel) | 3.4 x 18.8 x 29.1 in (8.7 x 48.2 x 54.1 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 | 600 W |
| Redundant Power Supply | Yes |
| Redundant Fans | Yes |
| Max BTU Output | 2047 BTU per hour |
| REGULATORY | |
| Regulatory Compliance | CE, FCC, ICES-003, cULus, TUV-GS, NEMKO, C-Tick |
| ORDERING INFORMATION | |
| DS05C Series Servers | |
| 36438 | 4x8TB (24TB RAID5) of internal storage |
| 36439 | 6x8TB (40TB RAID5) of internal storage |
| 36440 | 6x10TB (50TB RAID5) of internal storage |
| 36441 | 12x10TB (110TB RAID5) of internal storage |
| Additional Server Hard Drives and Accessories (for DS05C Series) | |
| 36550 | SATA Drive, 8TB |
| 36551 | SATA Drive, 10TB |
| 36552 | DAS storage expansion card |
| 36553 | Secondary redundant power supply |
| DA14A Series External Storage Options | |
| 32499 | 6x4TB (20TB RAID5) |
| 32500 | 12x4TB (44TB RAID5) |
| 32501 | 6x6TB (30TB RAID5) |
| 32502 | 12x6TB (66TB RAID5) |
| 36442 | 6x8TB (40TB RAID5) |
| 36443 | 6x10TB (50TB RAID5) |
| 36444 | 12x10TB (110TB RAID5) |
| Additional External Storage Unit Hard Drives (for DA14A Series) | |
| 32503 | Near-Line SAS Drive, 4TB |
| 32504 | Near-Line SAS Drive, 6TB |
| 33376 | Near-Line SAS Drive, 8TB |
| 36549 | Near-Line SAS Drive, 10TB |

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