

7532 Hybrid NVR



The **March Networks® 7532 Hybrid NVR** is a powerful and easy-to-use hybrid recorder that supports both high-definition (HD) megapixel IP cameras and existing analog cameras. The 7532 Hybrid NVR provides outstanding video compression and scalable local storage options, whether used as a standalone device or in a fully distributed environment managed by March Networks Command™ Enterprise software.



EXCEPTIONAL PERFORMANCE

The 7532 Hybrid NVR supports up to 16 analog cameras at high frame rates of up to 30 fps 4CIF on each input for clear video in almost any application. It can also support any combination of analog and up to 16 IP cameras, or up to 32 IP cameras as the number of analog cameras decreases. Analog camera support enables the capture of detailed video using H.264 compression, while high-definition IP camera support further improves resolution. The 7532 recorder's hybrid capability preserves current camera investments and fulfills the needs of security and IT departments in the most demanding commercial/industrial applications.

SMART VIDEO RETENTION

Versatile storage sets the 7532 Hybrid NVR apart. Up to four high-capacity hard-drives provide as much as 8 TB of internal storage, while optional disk mirroring and S.M.A.R.T. (Self-Monitoring, Analysis, and Reporting Technology) drive monitoring ensure a high level of data protection. In addition, the internal encoders' advanced multi-sector recording functionality allows video from any camera to be recorded simultaneously at different frame rates and resolutions for live and longer-term recording purposes. Combined with advanced H.264 compression, significant storage reduction can be achieved.

COMMAND YOUR VIDEO

March Networks' Command client is an intuitive, browser-based software used to configure and exploit the power of the 7532 Hybrid NVR from anywhere on the corporate network. The pre-installed software allows administrators to quickly set up each NVR, as well as IP and analog cameras, following installation. Command conforms to IT standards and can be easily integrated into Windows Active Directory®. The 7532 Hybrid NVR can also be managed using March Networks' SiteManager software.

SEAMLESS MANAGEMENT

For large-scale deployments, March Networks Command Enterprise is available to dramatically improve the management of thousands of 7532 recorders and associated cameras. The software solution allows administrators to group devices by function, geography or customer hierarchy for efficient, user-based permissions and management. In addition, it enables organizations to grow and manage their surveillance network with a single user interface that delivers the control you've come to expect from March Networks.

FEATURES

- H.264 compression
- 30 fps @ 4CIF resolution (480 across the 16 analog cameras)
- Hybrid functionality supports a total of 32 IP/analog cameras
- Dual Gigabit network connections
- Up to 8 TB of high-capacity internal storage
- Integrated audio, alarm I/O, and data ports
- Self-Monitoring, Analysis, and Reporting Technology (S.M.A.R.T.)
- Internal back-up battery for power brown-out protection
- USB hard drive support
- Docking station architecture for rapid installation and service
- Advanced health management features
- ONVIF™ compliance
- Shadow Archiving™
- USB external hard-drive support

PART NUMBERS

RECORDER

- 7532C1X2TB - 32 Channels, 2 TB
- 7532C2X2TB - 32 Channels, 4 TB
- 7532C3X2TB - 32 Channels, 6 TB
- 7532C4X2TB - 32 Channels, 8 TB

MOUNTS

- 7532WMNT - Wall mount kit

BUILT-IN REDUNDANCY USING SHADOW ARCHIVING

March Networks' unique Shadow Archiving feature ensures video data is never lost. In the case of a hard-drive failure or network outage, video is stored to an internal microSD card supported on compatible March Networks IP cameras and encoders, and can be seamlessly accessed via the client software. When the issue is resolved, the Shadow Archive restores the video to the recorder automatically, based on administrator-configurable policies — making it seem as if the failure never occurred.

VIDEO

Analog Recording	Maximum 16 analog cameras supported; 480 fps NTSC / 400 fps PAL @ 4CIF resolution
IP Recording	Dedicated private network for IP cameras; HD and megapixel images supported; up to 32 IP cameras supported when analog inputs are not in use.
Video Compression	H.264 video compression; primary and secondary streams; H.264, MPEG-4, or M-JPEG support for IP cameras and encoders
Recording Modes	Continuous, scheduled or on event – alarm (physical or remote), motion detection; configurable pre- and post-alarm recording
Video Streaming	Multiple streams; bandwidth limiting; frame rate limiting; variable or constant bit rates; unique adaptive secondary stream for low-bandwidth networks; captured using the highly-compressed H.264 AVC
Video Storage	Up to 4 high-capacity, SATA-compatible hard-drive interfaces for a maximum of 8 TB of storage

CONNECTIVITY

Alarms/Relays	16 current loop inputs, supporting open/closed detection; 4 relay switch outputs (30 VDC, 1 Amp); programmable event driven; support for alarms and relays integrated into IP cameras and encoders
Audio Channels	4 line-level input channels; 2 line-level output channels; two-way half-duplex communication, synched to video; 4 quality settings per channel; support for audio integrated into IP cameras and encoders
Data Connectivity	1 RS-232 port for ATM/POS transaction data integration; 1 RS-485 port for PTZ camera support
Network Interface	2 Ethernet: RJ-45 1000BaseT; dedicated port for IP camera integration; DHCP-enabled
USB Interface	3 USB 2.0 (one on front, two on back)

INNOVATIVE DOCKING STATION

The 7532's unique docking station is another exclusive March Networks feature that significantly reduces the time required to install and service the recorder. The docking station installs in a standard 19 in. / 48 cm rack, providing service technicians with a one-time installation of all cables and connections. Just slide the NVR it in or out when servicing is required. It's that easy.

PHYSICAL

Dimensions (HxWxD)	3.5 x 17.5 x 20 in. / 8.9 x 44.5 x 50.8 cm; rack (2U high), wall or desk mount
Weight	27 lbs / 12.2 kg (unit plus docking station); 1.25 lbs / 0.6 kg each hard-drive

ENVIRONMENTAL

Operating Temperature	41 to 104°F / 5 to 40°C
Heat Dissipation	300 BTU per hour
Humidity	5% to 95% RH (non-condensing)
Storage Conditions	-40 to 158°F / -40 to 70°C

POWER

Power Supply	Internal 115/230 VAC; consumption 75 W maximum
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COMPLIANCE

Regulatory Compliance	FCC Part 15 Class A; ICES-003 Class A; EN55022/AS/NZS CISPR 22 Class A; EN55024, EN50130-4; UL/CSA 60950-1 2nd edition; EN60950-1 2nd edition; RoHS 2002/95/EC; WEEE 2002/96/EC
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