

8000 Series Hybrid NVR

8-Channel Recording Platform



The **8-channel NVRs** reinforce our reputation for manufacturing the most robust, reliable, and feature-rich recorder on the market, and allow you to migrate from 100% analog to 100% IP video at your own pace. These NVRs are ideal for retailers seeking a high-performance video surveillance platform that supports up to eight cameras, offers intuitive software for identifying fraud and monitoring store operations, and makes it easier and more cost-effective to transition to high-definition (HD) IP video.

The 8-channel models provide all the power and features of the 16- and 32-channel recorders, but are designed with smaller footprint stores and standalone kiosks in mind, still with the redundancy of a two-drive system.



AUDIT YOUR STORES AND PROTECT YOUR ASSETS

To help retailers get the most out of their video surveillance solution and increase revenues by 10% or more, the 8-channel NVRs are fully integrated with March Networks Searchlight for Retail™. This suite of intelligent video software applications seamlessly integrates surveillance video, powerful analytics and point-of-sale (POS) transaction data to provide customizable, automated reports, complete with bandwidth-friendly video images. In minutes, retailers can scan the daily reports to see if all their stores opened on time, if shelves were stocked properly, employees were dressed as required, and to review other compliance and operational standards. They can also turn to Searchlight exception reports to quickly assess suspect transactions from all store locations along with receipt data. If further investigation is required, the associated video is easily accessible with a single click.

ALTERNATE STREAM SUPPORT ON IP CAMERAS

For IP cameras, the recorder can accommodate up to two simultaneous recording streams. Different

streams can be used for different purposes. For example, one stream could be for live viewing on the web so you need low bit-rate (which means lower resolution and compression). The second stream could be for recording at full resolution and full frame rate for investigation purposes.

THE PURPOSE-BUILT ADVANTAGE

Our recorders are embedded, Linux-based, purpose-built devices, designed to record video 24/7. Customers are looking for a recording solution that allows them to spend more time performing investigations and less time dealing with maintenance issues that can plague a PC-based recorder.

UNPARALLELED SCALABILITY

From the small, local-control user with just a few cameras, who does not want to connect the recorder to a network...to the largest enterprise user with globally dispersed sites and thousands of recorders...the 8000 series NVR recording and management suite has a solution that will feel tailor-made to fit your unique application.

FEATURES

- 8 channels
- Small form factor chassis
- Full Hybrid NVR solution to support both analog and IP, or 100% IP
- High and low frame rate streams on IP cameras
- Alternate stream support on IP cameras
- Embedded, Linux-based recorders
- Front-panel QR code
- Tamper-proof enclosure
- Sophisticated configurable recording policies based on schedule, motion, analytics, etc.
- Real-time health monitoring
- Network policies for bandwidth protection
- Works with March Networks Command Video Management Software
- Local display of both analog and IP cameras (HDMI and composite)
- Local control
- Optional advanced video analytics

Helping integrators save time and money.

- ✓ Check warranty status
- ✓ Get express RMA
- ✓ Get in-field diagnostics support
- ✓ Do wireless provisioning in the field



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MODELS

8708 S-series¹	8 channels, 30fps
8508 S-series¹	8 channels, 15fps

VIDEO

Capacity	
8708 S	30fps concurrent at full 4CIF across 8 channels (240fps)
8508 S	15fps concurrent at full 4CIF across 8 channels (120fps)
Video Compression	H.264, CIF/2CIF/4CIF resolution
Max Analog Camera Inputs	8
Max IP Camera Inputs	8
IP Camera Performance	With all analog cameras enabled, IP cameras are not available With all analog cameras disabled, IP camera capacity = 24 Mbps (3 Mbps/camera) With alternate stream enabled, IP camera capacity = 18 Mbps (2.25 Mbps / camera)
Video Output	Composite or HDMI

AUDIO

Analog Audio Inputs	2, unbalanced, 10kΩ, 1Vp-p typical
Analog Audio Outputs	1, unbalanced, 600Ω, 1Vp-p
Analog Audio Codec	G.711, 8 bit/8kHz, 64 kBit/s, unidirectional

NETWORK

Local Network	10/100/1000Base-T Ethernet (RJ-45)
Camera Network	10/100/1000Base-T Ethernet (RJ-45)
Security	Industry standard TLS 1.2 with strong AES encryption, HTTPS encryption, strong hashing algorithms SHA256, continuous security vulnerability assessment

SYSTEMS / NETWORK MANAGEMENT

Bandwidth Throttle	Yes (can include exceptions on a per-IP address basis)
Bandwidth Scheduling	Yes
Adaptive Bandwidth	Yes
Remote Connection	TCP/IP (IPv4)
Concurrent Remote Connections	No set limit
Internal Battery	Enables systematic shutdown; no external UPS communication required

ANALYTICS

Included	Motion detection
Optional	Camera obstruction, field-of-view monitoring, trip wire, loitering

2-year Advance Replacement plan on all NVRs:

- Options for Repair & Return or Advance Replacement
- March Networks incurs all shipping costs—both ways—for AR's
- All NVR components are covered, including HDDs

STORAGE

Internal Hard Drives	1 or 2 3.5" HDDs
Individual Drive Capacity	Up to 8TB
Total Storage Capacity	Up to 16TB
Drive Type	Serial ATA (SATA)
Mirroring	Yes

ALARM INPUTS/OUTPUTS

Alarm Inputs	2 current loop inputs, supporting open and closed detection
Relay Outputs	1 relay switch outputs (30VDC, 1A); programmable event driven

PHYSICAL

Dimensions (HxWxD)	3.6 x 11.3 x 12.0 in (9.18 x 28.7 x 30.6 cm)
Mounting	Wall mount and desktop
Security	Tamper-proof enclosure
Weight	
Recorder	7.3 lbs (3.3kg)
Hard Drive	Add 1.5 lbs (0.7 kg) per HDD

ENVIRONMENTAL

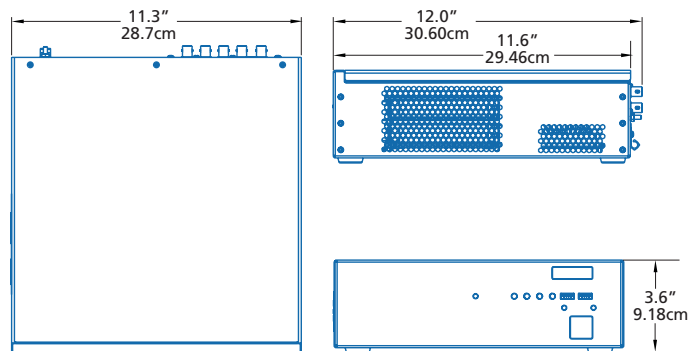
Operating Temperature	5°C to 40°C (41°F to 105°F)
Heat Dissipation	Maximum 255 BTU per hour (system plus 2 hard drives)
Humidity	5% to 95% RH (non-condensing)
Storage Conditions	-40°C to 70°C (-40°F to 158°F)

ELECTRICAL

External Power Supply	110/220 VAC (auto-sensing), 1.7A, 50-60Hz
Power Consumption	20W typical, 60W max

REGULATORY

Safety	IEC60950-1 (ed.2), UL 60950-1 (ed.2), CSA C22.2 No. 60950-1-07 (ed.2)
EMC	FCC 47 CFR Part 15, Subpart 15, ICES-003, EN55022, CISPR 22, AS/NZS CISPR 22, EN61000-3-2, EN 61000-3-3, EN50130-4, EN55024
Compliance Marking	CE-mark, cULus, C-tick, WEEE



NOTES: ¹ Up to 8 analog; up to 8 IP; or combine for a maximum of 8 channels.

North America 1 800 563 5564
 Latin America +5255 5259 9511
 Europe +39 0362 17935
 Asia +65 6818 0963
 Australia and New Zealand +61 1300 089 419
 Middle East and Africa +971 4 399 5525

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