

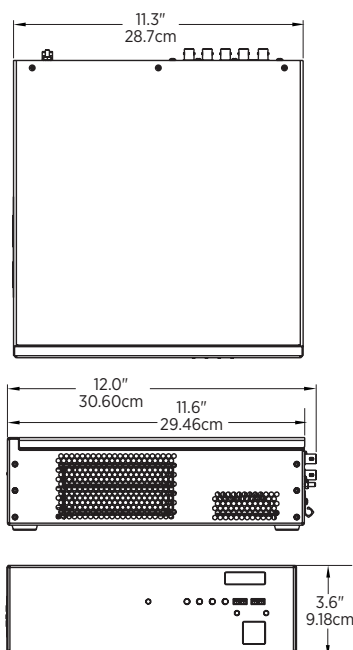
# 8708 and 8508 Series Hybrid NVR

8-Channel Recording Platform



The **8-channel Hybrid NVR** from March Networks® delivers video that's always there when you need it, and the advanced tools that allow you to quickly find the evidence you need. Get your job done faster — from installation to investigation — with this appliance-based hybrid NVR as the backbone.

This recorder is 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 enclosure is designed with smaller footprint stores and standalone kiosks in mind, but still with the redundancy of a two-drive system.



## Key Benefits

- ▶ **Embedded, Linux-based, and purpose-built.** Spend more time performing investigations and less time dealing with maintenance issues that can plague a PC-based recorder.
- ▶ **All camera licenses included.** No need to pay for separate channel licenses; benefit from a full-featured recording platform right out of the box.
- ▶ **Configurable recording policies.** Record video based on user-definable variables like schedule, motion, analytics, etc.
- ▶ **Real-time health monitoring.** Be alerted to camera, recorder and network issues within seconds.
- ▶ **Network policies for bandwidth protection.** Maximize overall system performance with features like bandwidth throttling, maximum retention settings, multi-sector archiving, and selective video recording.
- ▶ **Front panel QR code.** Use March Networks' free GURU Smartphone App to scan the recorder's QR code to check warranty status, get in-field diagnostics support, do on-site wireless provisioning, or even initiate an express RMA.
- ▶ **Powerful video management software.** With March Networks Command™ Recording Software and Command Enterprise Software, you'll be equipped with the features and tools you need to easily manage your video surveillance system.
- ▶ **Get a complete view of your business.** Supplement your surveillance video with March Networks Searchlight™ Software and the Brickstream® Analytics Sensor. This further enhances your evidence by incorporating powerful business analytics (e.g., people counting, queue length, and wait times), and ancillary data (e.g., POS, ATM, teller, RFID, weapon detection, and license plate recognition).

*The recorder's small, tamper-proof enclosure is ideal for standalone kiosks or any location with space constraints.*

# 8708 and 8508 Series 8-Channel Hybrid NVR

## MODELS

8708 S series <sup>1</sup>	8 channels, 30fps
8508 S series <sup>1</sup>	8 channels, 15fps

## VIDEO W

<b>Capacity</b>	
8708 S	30fps concurrent at full 4CIF across 8 channels (240fps)
8508 S	15fps concurrent at full 4CIF across 8 channels (120fps)
<b>Video Compression</b>	H.264, CIF/2CIF/4CIF resolution
<b>Max Analog Camera Inputs</b>	8
<b>Max IP Camera Inputs</b>	8
<b>IP Camera Performance</b>	With all analog cameras enabled, IP cameras are not available With all analog cameras disabled, IP camera capacity = 80 Mbps
<b>Video Output</b>	Composite or HDMI

## AUDIO

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

## NETWORK

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

## SYSTEMS / NETWORK MANAGEMENT

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

## ANALYTICS

<b>Included</b>	Motion detection
<b>Optional</b>	Camera obstruction, field-of-view monitoring, trip wire, loitering, presence detection

### 3-year warranty on all recorders:

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

NOTES: <sup>1</sup>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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## STORAGE

<b>Internal Hard Drives</b>	one or two 3.5" HDDs
<b>Individual Drive Capacity</b>	Up to 12 TB
<b>Total Storage Capacity</b>	Up to 24 TB
<b>Drive Type</b>	Serial ATA (SATA)
<b>Mirroring</b>	Yes

## ALARM INPUTS/OUTPUTS

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

## PHYSICAL

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

## ENVIRONMENTAL

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

## ELECTRICAL

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

## REGULATORY

<b>Safety</b>	IEC60950-1 (ed.2), UL 60950-1 (ed.2), CSA C22.2 No. 60950-1-07 (ed.2)
<b>EMC</b>	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
<b>Compliance Marking</b>	CE-mark, cULUS, C-tick, WEEE

