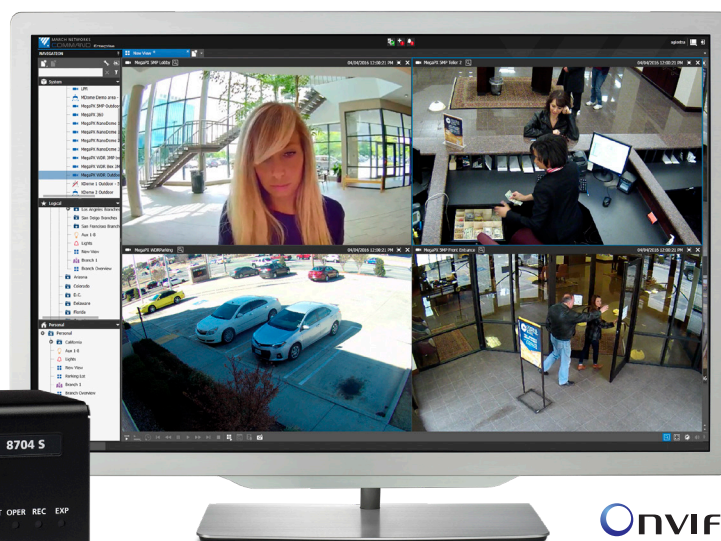


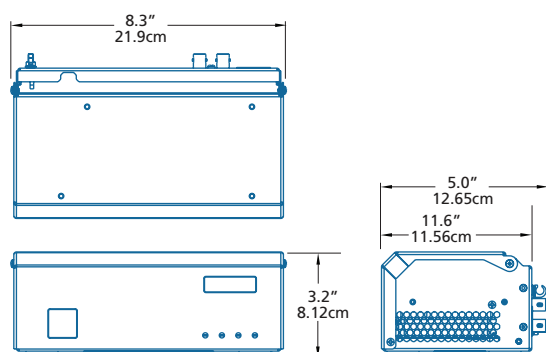
# 8704 Series - Gen 2 Hybrid NVR

4-Channel Recording Platform



The second generation **4-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.

Designed with economy of space in mind, this robust, reliable, and feature-rich recorder is ideal for installation in standalone ATMs or in any space-constrained location. The recorder's hybrid flexibility lets you to continue with your existing analog cameras, or move to HD IP cameras when the time is right.



## 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; get 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.
- ▶ **Added system redundancy.** A third GigE network connection provides additional system redundancy with automatic fail-over connections to your enterprise software.
- ▶ **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, max 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).

*Install the recorder inside an ATM, and seamlessly integrate ATM transaction data with the video.*

# 8704 Series 4-Channel Hybrid NVR

## MODEL

8704 S series<sup>1</sup> 4 channels, 30fps

## VIDEO

Capacity 30fps concurrent at full 4CIF across 4 channels (120fps)

Video Compression H.264, CIF/2CIF/4CIF resolution

Max Analog/IP Camera Inputs 4/4

IP Camera Performance With all analog cameras enabled, IP cameras not available.  
With all analog cameras disabled, IP camera capacity = 80 Mbps

## 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)

Redundant 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, presence detection

## STORAGE

Internal Hard Drives one or two 2.5" HDDs; SSD versions also available (contact your March Networks Sales Representative for details)

Individual Drive Capacity HDD: Up to 2TB

Total Storage Capacity HDD: Up to 4TB

Drive Type Serial ATA, HDD, SSD

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) 3.2 x 8.3 x 5.0 in (8.1 x 21.2 x 12.6 cm)

Mounting Wall mount, desktop

Security Tamper-proof enclosure

Weight: Recorder 3.2 lbs (1.5 kg)  
Hard Drive 0.25 lb (0.11 kg)

## 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

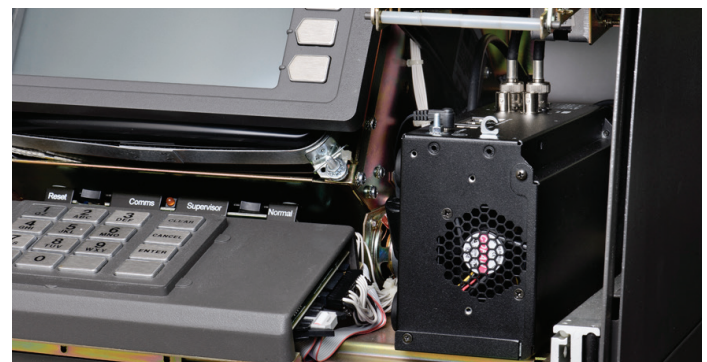
Power Consumption 15W typical, 15W max

## REGULATORY

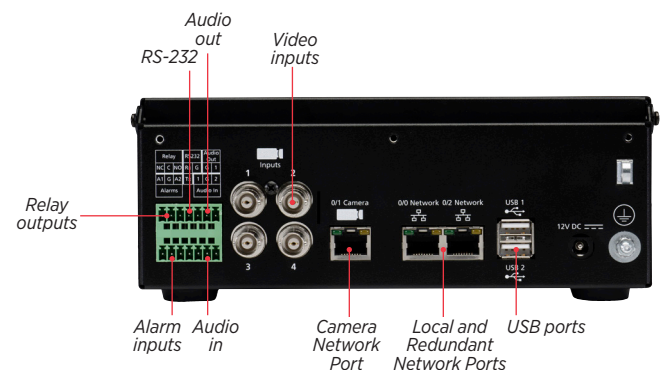
Safety IEC60950-1 (ed.2), UL 60950-1 (ed.2), CSA C22.2 No. 60950-1-07 (ed.2)

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



*This small unit can be easily installed inside an ATM, and seamlessly integrates ATM transaction data with video.*



1. Up to 4 analog, up to 4 IP, or combine for a maximum of 4 channels.

### 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

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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