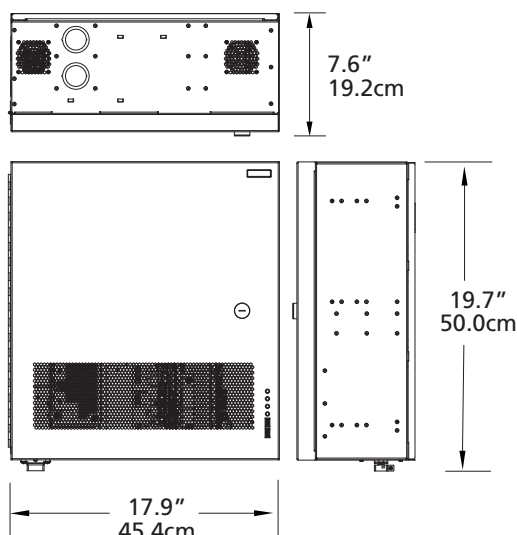


# 8724 V Tribrid NVR

24-channel wall-mount modular recorder  
supporting HD analog and IP cameras



The **8724 V Tribrid NVR** supports up to 24 IP or HD analog cameras, making it easier and more cost-effective to transition from standard analog to HD or higher resolutions. The recorder's built-in high definition over coax (HDoC) technology allows customers to re-use their existing analog infrastructure to capture HD resolution from cameras. The recorder is wall-mounted with concealed cables and a locking mechanism to keep it secure. And because the recorder is embedded, Linux-based, and purpose-built, customers can spend more time performing investigations and less time dealing with maintenance issues that can plague a PC-based recorder.



## Key Benefits

- ▼ **Built-to-order.** The recorder's modular design accommodates any combination of 8-port camera modules (PoE or HD analog), up to 24 inputs. Customers can purchase only what they need, and expand incrementally as required.
- ▼ **High-definition video transmission over coax.** The recorder offers robust performance for HD analog over your existing coax.
- ▼ **Built-in power for cameras.** Power all cameras without the need for an external PoE switch or other power supplies, reducing the overall equipment cost.
- ▼ **Secure enclosure.** The internal components can be accessed by approved personnel only, and the recorder's cables can be concealed by routing them through the rear of the enclosure or through conduit connected directly to the enclosure.
- ▼ **All camera licenses included.** No need to pay for separate channel licenses; benefit from a full-featured recording platform right out of the box.
- ▼ **System-wide health monitoring.** March Networks® Command™ VMS equips users with the features and tools they need to easily manage their entire surveillance system, including, daily backups, user administration, and upgrades/patches.
- ▼ **Integrate surveillance video with POS, teller and ATM transaction data.** Customers can combine the recorder with March Networks Searchlight for alerts about potential theft, and powerful search tools that reduce investigation times from hours to minutes.
- ▼ **QR Code.** Use the free GURU smartphone app to scan the recorder's QR code for instant product information, like serial number and warranty information, or even to initiate and RMA.

*Monitor and protect your facility with any combination of IP, HD analog, or traditional analog cameras (up to 24 total), controlled by this secure, expandable recorder with built-in power.*

# 8724 V Tribrid NVR

## VIDEO

<b>Maximum Inputs</b>	24 (fully licensed); recorder accommodates any combination of 8-port PoE modules and/or analog/HD analog modules, not to exceed 24 inputs
<b>Analog/HD Analog Capacity</b>	24 (8 port modules)
<b>PoE Capacity</b>	24 (8 port modules)
<b>Compression</b>	Analog/HD analog (H.264), IP (camera dependent)
<b>Total Capture Capacity</b>	Up to 80 Mbps
<b>Video Output</b>	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

## ALARM INPUTS/OUTPUTS

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

## NETWORK

<b>Corporate Network</b>	1 port GigE Ethernet (RJ-45)
<b>POS Network</b>	1 port 10/100 Base-T
<b>Camera Network</b>	Up to 24 PoE ports (RJ-45), 10/100 Base-T
<b>Security</b>	Industry standard TLS 1.2 with strong AES encryption, HTTPS encryption, strong hashing algorithms SHA256, continuous security vulnerability assessment
<b>Internet Protocol</b>	IPv4

## USB 2.0

<b>Internal</b>	1 (local control mouse)
<b>External (front panel)</b>	2 (video export)

## STORAGE

<b>Internal Hard Drives</b>	Up to 2 (2TB, 4TB, 6TB, or 8TB)
<b>Drive Type</b>	3.5" Serial ATA (SATA)

## OPERATIONAL

<b>Bandwidth Control</b>	Scheduled, adaptive, subnet-selectable
<b>Concurrent Client Connections</b>	No set limit
<b>Analytics</b>	Motion detection, camera obstruction, field-of-view change, trip wire, loitering, presence detection
<b>Scheduling</b>	Recording/retention, monitoring of events, bandwidth use
<b>Privacy</b>	Masking of video
<b>Search Optimization</b>	Motion histograms, smart search, thumbnail refinement
<b>Maintenance</b>	Health monitoring, automated hard drive repair, hardware watchdog
<b>Local Control</b>	Live display, archive search, USB export
<b>Public View Monitor</b>	Sequences, up to 4x4 display, alert-driven display
<b>Provisioning</b>	Camera discovery, auto record
<b>Resiliency</b>	Hard drive mirroring, hardware watchdog, universal UPS compatibility, systematic shutdown on power fail
<b>Retention</b>	Continuous recording with auto purging, long and extended-term storage, retention alerts

## GENERAL

<b>Dimensions (HxWxD)</b>	19.7 x 17.9 x 7.6 in (50 x 45.4 x 19.2 cm)
<b>Maximum Weight</b>	23.5 lbs (10.7 Kg)
<b>Operating Temperature</b>	0°C to 40°C (32°F to 105°F)
<b>Storage Temperature</b>	-40°C to 70°C (-40°F to 158°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>Mounting</b>	Wall mount
<b>Physical Security</b>	Tamper-proof key-lock enclosure; cables routed through rear of enclosure or through conduit connected directly to the enclosure
<b>External Power Supply</b>	110/220 VAC (auto-sensing), 1.7A, 50-60Hz
<b>Built-in Power for Cameras</b>	
<b>PoE Module</b>	Power budget of 64 watts is shared between the 8 IP cameras on each module
<b>HD Analog Module</b>	Power budget of 40 watts (12 VDC) is shared between the 8 cameras on each module
<b>Internal Battery</b>	Brownout protection
<b>Power Consumption</b>	20 W typical for analog video; 100 W maximum with 8 port PoE
<b>Field-Replaceable Components</b>	Power supply, PoE module, HD analog module, hard drives, fans
<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, EN55032, CISPR 32, AS/NZS CISPR 32, EN61000-3-2, EN 61000-3-3, EN50130-4, EN55024
<b>Compliance Marks</b>	CE-mark, cULus, C-tick, WEEE

### 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

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