

8724 V Tribrid NVR

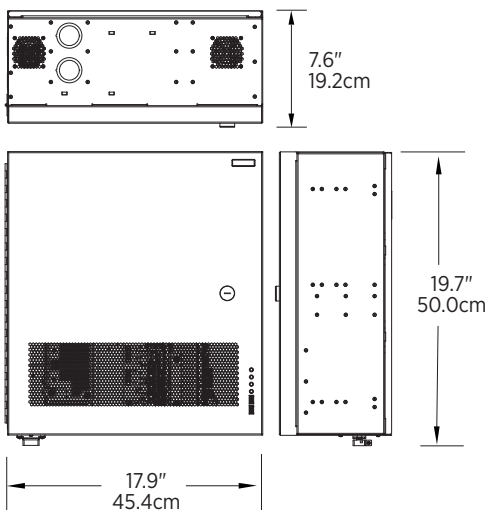
24-channel wall-mount modular recorder supporting HD analog and IP cameras



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™ Enterprise Software 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.

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VIDEO

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

ALARM INPUTS/OUTPUTS

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

NETWORK

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

USB 2.0

Internal	1 (local control mouse)
External (front panel)	2 (video export)

STORAGE

Internal Hard Drives	Up to 2 (2TB, 4TB, 6TB, 8TB, 10TB, 12TB or 18TB)
Drive Type	3.5" Serial ATA (SATA)

OPERATIONAL

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

GENERAL

Dimensions (HxWxD)	19.7 x 17.9 x 7.6 in (50 x 45.4 x 19.2 cm)
Maximum Weight	23.5 lbs (10.7 Kg)
Operating Temperature	0°C to 40°C (32°F to 105°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Heat Dissipation	Maximum 255 BTU per hour (system plus 2 hard drives)
Humidity	5% to 95% RH (non-condensing)
Mounting	Wall mount
Physical Security	Tamper-proof key-lock enclosure; cables routed through rear of enclosure or through conduit connected directly to the enclosure
External Power Supply	110/220 VAC (auto-sensing), 1.7A, 50-60Hz
Built-in Power for Cameras	
PoE Module	Power budget of 64 watts is shared between the 8 IP cameras on each module
HD Analog Module	Power budget of 40 watts (12 VDC) is shared between the 8 cameras on each module
Internal Battery	Brownout protection
Power Consumption	20 W typical for analog video; 100 W maximum with 8 port PoE
Field-Replaceable Components	Power supply, PoE module, HD analog module, hard drives, fans
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, EN55032, CISPR 32, AS/NZS CISPR 32, EN61000-3-2, EN 61000-3-3, EN50130-4, EN55024
Compliance Marks	CE-mark, cULus, C-tick, WEEE

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