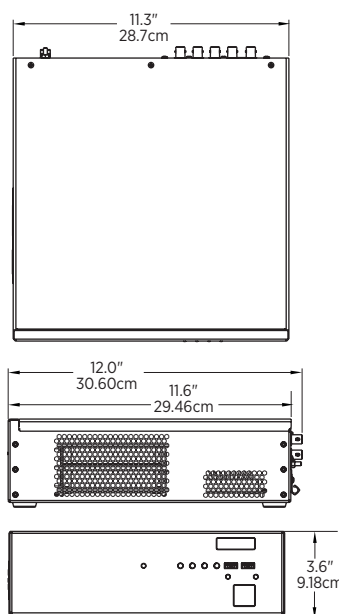# 8716 P Hybrid NVR

16-channel hybrid recorder for a combination of up to eight analog and eight IP cameras or up to 16 IP cameras, with built-in PoE

Eight analog ports and eight IP ports

For customers who want to improve the video quality from their existing analog cameras, and/or want the option to install a combination of IP and analog cameras, March Networks® hybrid recorders are the most robust, reliable, and feature-rich recorders on the market. The **8716 P** hybrid recorder supports up to 16 cameras (analog and/or IP), and offers intuitive software for identifying fraud and monitoring store operations. The recorder's built-in PoE switch makes it easier and more cost-effective to transition to IP video.

11.3"
28.7cm

12.0"
30.60cm
11.6"
29.46cm

3.6"
9.18cm

Key Benefits

▼ **Built-in Class 3 PoE.** A power budget of 64 watts is shared between the eight PoE ports, accommodating up to five Class 3 devices. This means the recorder powers the cameras without the need for an external PoE switch, reducing the overall equipment cost.

▼ **Easy migration to IP.** The built-in PoE functionality simplifies the migration from analog to IP cameras because it eliminates the need to order, install and maintain an external PoE switch.

▼ **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.

▼ **Powerful video management software.** With March Networks Command™ Recording Software and Command Enterprise Software, customers are equipped with the features and tools they'll need to easily manage their video surveillance system.

▼ **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.

▼ **Local display of all connected cameras.** Customers and staff will know they're being protected.

▼ **QR Code.** Use March Networks' free GURU Smartphone App to scan the recorder's front panel QR code for instant product information, like serial number, warranty information, etc.

Secure your facility with up to eight IP and eight analog cameras, and recognize lower equipment costs with the recorder's convenient built-in PoE switch

8716 P 16-Channel Hybrid NVR

MODEL

8716 P Series	16 channels, 30fps (Up to 8 analog and up to 8 IP; or up to 16 IP when analog inputs are disabled)

VIDEO

Capacity	Up to 80 Mbps total across 16 cameras (analog or IP). Analog inputs capable of 30 FPS at 4CIF resolution.
Video Compression	
Analog	H.264
IP	Camera dependent
Max Analog Camera Inputs	8
Max IP Camera Inputs	16 (requires additional switch)
IP Camera Performance	With all analog cameras enabled, up to 8 IP cameras With all analog cameras disabled, up to 16 IP cameras with separate switch
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)
PoE Camera Network	8 ports (RJ-45), shared 64W power, 10/100 Base-T
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	1 or 2 3.5" HDDs
Individual Drive Capacity	Up to 18
Total Storage Capacity	Up to 36
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

GENERAL

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	7.8 lbs (3.6 kg)
Hard Drive	Add 1.5 lbs (0.7 Kg) per HDD
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)
External Power Supply	110/220 VAC (auto-sensing), 2.0A, 50-60Hz
Power Consumption	20 W typical for analog video; 100 W maximum with 8 port PoE
Certification Model	HNVR MS
Safety	IEC/EN62368-1, 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, CISPR32, AS/NZS CISPR 22,EN61000-3-2, EN 61000-3-3, EN50130-4
Compliance Marking	CE-mark, cULus, RCM, WEEE, UKCA, NOM

ORDERING INFORMATION

34246-101	8716 P NVR, 1 x 2 TB
34246-102	8716 P NVR, 2 x 2 TB
34246-104	8716 P NVR, 2 x 3 TB
34246-105	8716 P NVR, 1 x 4 TB
34246-106	8716 P NVR, 2 x 4 TB
34246-114	8716 P NVR, 1 x 6 TB
34246-115	8716 P NVR, 2 x 6 TB
34246-117	8716 P NVR, 2 x 8 TB
34246-119	8716 P NVR, 2 x 10 TB
34246-121	8716 P NVR, 2 x 12 TB

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

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