

6716 R Hybrid NVR

16-Channel Recording Platform



The March Networks® **6716 R Hybrid NVR** delivers the exceptional performance, flexibility and control you need to migrate from analog to IP. The recorder can support as many as 16 high-definition (HD) IP cameras, or any combination of IP and analog cameras to a maximum of 16 channels. This mid-sized platform offers a browser-based interface that works seamlessly across both Mac and PC environments. The 6716 R can be easily managed in a fully-distributed IP video solution using March Networks Command™ Enterprise video management software. Alternately, the unit is also ideal as a standalone device, featuring a browser-based client and optional wall mount.



DESIGNED TO MEET PRIVACY GUIDELINES

The 6700 Series recording platform incorporates privacy protection features such as privacy masking, operator access restrictions, and the ability to delete specific archived video clips on request, in order to meet varying video surveillance guidelines in place across Europe and the Middle East.

SHARPER IMAGES FROM YOUR EXISTING ANALOG CAMERAS

The recorder's optimized H.264 compression delivers detailed HD video and noticeably sharper images from your legacy analog cameras without impacting video storage resources. The recorder integrates with March Networks HD megapixel cameras as well as third-party IP cameras via direct integration or ONVIF™-compliance

UNPARALLELED RELIABILITY

Our recorders are embedded, Linux-based, purpose-built devices, designed to record

video 24/7. An internal battery keeps the unit recording during power brownouts, and ensures it can safely shut down in the event of a longer-term power failure. The innovative docking station, combined with field-serviceable hard drives, fans, power supply and battery, ensures limited downtime.

BROWSER-BASED MANAGEMENT

Manage your recorders via Command Enterprise, an intuitive, customizable, browser-based thin client that accommodates your browser of preference (Firefox, Internet Explorer, Safari, Chrome). As system updates are made available, they can be deployed easily via the Command Enterprise server; users have access to those updates each time they login. Command Enterprise software allows you to access live and recorded video, and to centrally configure and manage a few or thousands of recorders from any networked location. Featuring innovative search, mass management and health monitoring tools, the software is IT-friendly and can be integrated easily into Windows Active Directory.

FEATURES

- 16 Channel R Series (Rack Mount); optional wall mount kit available
- Full hybrid NVR solution to support both analog and IP, or 100% IP
- H.264 encoding (IP) and M-JPEG compression (analog)
- Embedded, Linux-based recorders
- Scan QR code on front panel to retrieve system information and reduce maintenance time
- Onboard battery backup
- Browser-based interface with cross-platform OS support eliminates client application downloads
- Scalable management using Command Enterprise VMS
- Hybrid functionality supports a total of 16 cameras (16 analog max; 16 IP cameras max with no analog cameras)
- Choose the ONVIF-compliant cameras that serve your needs

PART NUMBERS

- 30258-106 – 6716 R NVR, 1 x 3 TB
- 30258-107 – 6716 R NVR, 2 x 3 TB
- 30258-108 – 6716 R NVR, 3 x 3 TB
- 30258-109 – 6716 R NVR, 4 x 3 TB
- 30258-113 – 6716 R NVR, 4 x 4 TB

HELPING YOU SAVE TIME AND MONEY

Our industry-first GURU app for iOS and Android devices allows you to...

- ✓ Check warranty status
- ✓ Initiate an express RMA



Scan the QR code on the recorder to see information unique to the device



6716 R 16-Channel Hybrid NVR

MODELS

6716 R series	16 channels, 16 analog inputs, 25fps (PAL) / 30fps (NTSC) throughput, rack mount
----------------------	--

VIDEO

Analog Capacity	25fps (PAL) / 30fps (NTSC) concurrent at full 4CIF/D1 across 16 channels; 400fps (PAL) / 480fps (NTSC)
Video Compression	H.264, M-JPEG, CIF/2CIF/4CIF resolution
Analog Camera Inputs	16 maximum
IP Camera Inputs	16 maximum
IP Camera Performance	With all analog cameras enabled, IP cameras are not available With all analog cameras disabled, IP camera capacity = 48 Mbps (3 Mbps / camera)
Video Output	Composite or HDMI

AUDIO

Analog Audio Inputs	4, unbalanced, 10kΩ, 1Vp-p typical
Analog Audio Outputs	2, unbalanced, 600Ω, 1Vp-p
Analog Audio Codec	G.711, 8 bit/8kHz, 64 kBit/s, unidirectional

NETWORK

Network 1	GigE port for connection to corporate network
Network 2	GigE port for connection to camera network
Security	Password protection, connection management, HTTPS encryption (except video)
Interface	10/100/1000Base-T Ethernet (2 x RJ-45)

SYSTEMS / NETWORK MANAGEMENT

Remote Connection	TCP/IP (IPv4)
Concurrent Remote Connections	No set limit
Internal Battery	Short-term power conditioning

SOFTWARE

Video Management	
Command Enterprise	All-in-one, browser-based thin client: Microsoft Internet Explorer 9 (or later, Windows OS only), Google Chrome (latest version, Windows OS only), Firefox (latest version), Safari 5 (Mac OS X Snow Leopard only) with Microsoft Silverlight 5.x browser plug-in
Analytics	Motion Detection, Camera Tamper (Analog) Included.

STORAGE

Internal Hard Drives	1-4 3.5" HDDs
Individual Drive Capacity	3TB or 4TB
Total Storage Capacity	Up to 16TB
Drive Type	Serial ATA (SATA)

ALARM INPUTS/OUTPUTS

Alarm Inputs	8 current loop inputs, supporting open and closed detection
Relay Outputs	4 relay switch outputs (30VDC, 1A); programmable event driven

PHYSICAL

Dimensions (HxWxD)	8.0 x 44.2 x 40.6 cm (3.1 x 17.4 x 16.0 in)
Mounting	2U high, 19" rack, wall mount
Weight	
R-series	8.4 Kg (18.5 lbs) (with docking station)
Hard Drive	Add 0.7 Kg (1.5 lbs) per HDD

ENVIRONMENTAL

Operating Temperature	5°C to 40°C (41°F to 105°F)
Heat Dissipation	Maximum 255 BTU per hour (system plus 4 hard drives)
Humidity	5% to 95% RH (non-condensing)
Storage Conditions	-40°C to 70°C (-40°F to 158°F)

ELECTRICAL

Internal Power Supply	115/230 VAC (auto-sensing), 2.3A, 50-60Hz
Power Consumption	75W 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

