

4K



ENMR2-16POE



16 Channel PoE Network Video Recorder



Features:

- ❖ Embedded LINUX OS
- ❖ 1U Standalone NVR, **16 PoE Built-in**
- ❖ Resolution: 3840×2160, 1920×1080
- ❖ Supports total of 16 IP Cameras
- ❖ H.265/H.264 codec decoding
- ❖ 2 SATA III Port, Up to 10 TB capacity for each HDD
- ❖ Up to 8MP Resolution for Preview and Playback
- ❖ ONVIF Profile conformance
- ❖ 3D intelligent positioning with WatchNET PTZ camera
- ❖ Multiple network monitoring: Web viewer, HD VMS & MVS Pro



FREE Multisite VMS software
Download from www.watchnetinc.com



iPhone



MAC OS Compatible



Model	ENMR2-16POE	
System	Main Processor	Quad-core embedded processor
	Operating System	Embedded LINUX
Display	Interface	1 HDMI (4K support only on HDMI), 1 VGA
	Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
	Multi-screen Display	1/4/8/9/16
	OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
	POE	16 Ports POE built-in
Video Detection and Alarm	Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
	Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
	Alarm input	4 Channel, Low Level Effective, Green Terminal Interface
	Relay output	2 Channel, NO/NC Programmable, Green Terminal Interface
Playback and Backup	Playback	1/4
	Search Mode	Time /Date, MD and Exact Search (accurate to second), Smart search
	Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
	Backup Mode	USB Device/Network, 2 USB Ports (1 USB2.0, 1 USB3.0)
Storage	Internal HDD	2 SATA III Port, Up to 10 TB capacity for each HDD
	HDD Mode	Single
	eSATA	N/A
Audio & Video	IP camera inputs	16
	Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Recording	Compression	H.265/H.264
	Resolution	8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1.3MP / 720P etc.
	Record Rate	200Mbps
	Bit Rate	16Kbps ~ 20Mbps Per Channel
	Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering, Video Loss), Stop
	Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Network	Interface	1 RJ-45 Port (10/100/1000Mbps)
	Ethernet Port	1 Independent 100Mbps Ethernet Port
	PoE	16 ports (IEEE802.3at/af)
	Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search (Support WatchNET IP camera, DVR, NVS, etc.), Easy4ip
	Max. User Access	128 users
	Interoperability	ONVIF 2.4, CGI Conformant
Electrical	Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
	Power Consumption	NVR: <13.2W (Without HDD), PoE: Max 25.5w for single port, 130w in total
Environmental	Operating Condition	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
	Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Construction	Dimensions	1U, 375mm×327.5mm×53mm (14.8" x 12.9" x 2.1")
	Net Weight	2.7kg (6.0 lb) (without HDD)
	Gross Weight	4.4kg(9.7lb)(without HDD)

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