

# 4K

**4CH Compact 1U 1HDD 4PoE  
Network Video Recorder**



ENMR3-04POE



### Features:

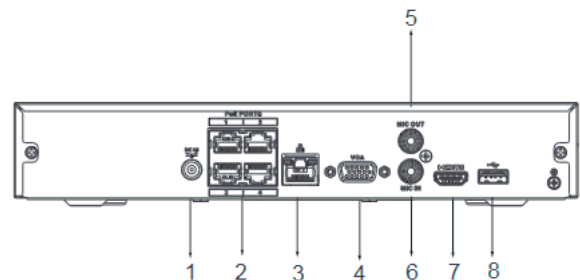
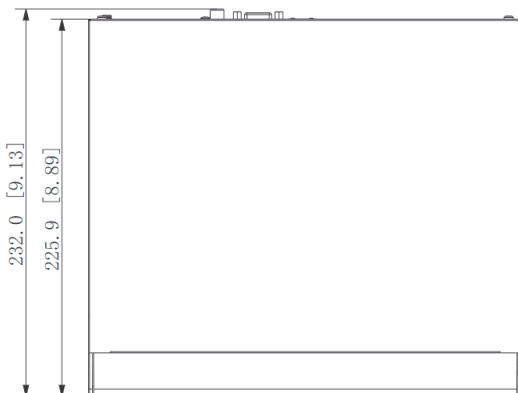
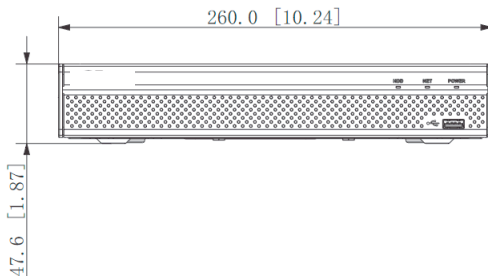


- Embedded LINUX OS
- Industrial-grade embedded processor
- New 4.0 user interface, Security baseline 2.1
- H.264, H.265, Smart H.264+, and Smart H.265+. H.265 auto switch
- Max. decoding capability: 4 × 1080p@30 fps.  
Supports adaptive decoding
- Supports mainstream cameras of ONVIF and RTSP protocols
- P2P remote surveillance, video play on mobile device
- VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K
- **AI by Camera:** Face detection, fenced area protection, IVS, people counting, heat map, and motion detection

\* (AI Features only supported when using AI Cameras)



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- |                           |                            |
|---------------------------|----------------------------|
| 1 DC Power Input          | 2 PoE Ports                |
| 3 Network Port            | 4 VGA Port                 |
| 5 AUDIO IN, RCA Connector | 6 AUDIO OUT, RCA Connector |
| 7 HDMI Port               | 8 USB Port                 |

Technical Specifications	
<b>System</b>	
Main Processor	Industrial-grade embedded processor
OS	Embedded Linux
Operation Interface	Web/operating in local GUI
<b>Fenced Area Protection by Camera</b>	
Performance	4 channels
AI Search	Search for pictures by channel, time and event type
<b>Face Detection by Camera</b>	
Performance	4 channels
Face Attributes	6 attributes: Gender, age, glasses, expression, mouth mask, and beard
AI Search	Search for pictures by channel, time and face attributes
<b>Motion Detection by Camera</b>	
Performance	4 channels
AI Search	Search by target classification (human, vehicle)
<b>Video</b>	
Access Channel	4
Network Bandwidth	Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps
Resolution	8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1
Decoding Capability	4 × 1080p@30 fps
Video Output	1 × VGA output, 1 × HDMI output, supports simultaneous video sources output for VGA & HDMI
Multi-screen Display	1, 4 views
Third-party Camera Access	ONVIF; RTSP
<b>Compression</b>	
Video	Smart H.265/H.265/Smart H.264/H.264/MJPEG
Audio	PCM/G711A/G711U/G726/AAC
<b>Network</b>	
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search (Support WatchNET IP camera; DVR; NVS; etc.); P2P; auto register
Mobile Phone Access	Android; iOS
Interoperability	ONVIF(profile T/S/G); CGI; SDK
Browser	Chrome; IE9 or later; Firefox
<b>Record Playback</b>	
Multi-channel Playback	Up to 4 channels for playback
Record Mode	Manual record; alarm recording; Motion Detection recording; smart recording
Storage	Local HDD; network
Backup	USB storage device
Playback Function	1. Play/pause/stop/slow/quick/backward/by frame 2. Full screen, backup (video clip/file), partial zoom in, and audio on/off

Storage	
Disk Group	Yes
<b>Alarm</b>	
General Alarm	Motion detection, privacy masking, video loss, scene changing, PIR alarm, IPC external alarm
Anomaly Alarm	Camera disconnection, storage error, disk full, IP conflict, MAC conflict, login locked, and cyber security exception
Intelligent Alarm	Face detection, fenced area protection (intrusion and line crossing), IVS, people counting, heat map, and motion detection alarms
Alarm Linkage	Recording, snapshot, audio, buzzer, log, preset, and email
<b>External Port</b>	
Audio Input	1 × RCA input
Audio Output	1 × RCA output
HDD	1 SATA III ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature
USB	2 (1 × front USB2.0; 1 × back USB2.0)
HDMI	1 (supports up to 4K resolution output)
VGA	1
Network	1 × RJ-45, 10/100 Mbps self-adaptive Ethernet port
POE	4
<b>General Parameter</b>	
Power Supply	1.25 A/1.33 A, 48V/1.25A DC
Power Consumption	< 10 W (HDD not included, idling) Total output power of PoE is 36W, the maximum output power of a single port is 25.5W
Net Weight	0.86kg (1.90lb)
Gross Weight	1.86kg (4.10lb)
Product Dimensions	260mm × 232.3mm × 50.3mm (10.24" × 9.14" × 1.98") (W × L × H)
Package Dimensions	117mm × 373mm × 307mm (4.61" × 14.69" × 12.09") (W × L × H)
Operating Conditions	-10°C to +55°C (+10°F to +131°F)
Storage Conditions	0°C to +40°C (32°F to 104°F)
Operating Humidity	10c/o ~ 93c/o
Storage Humidity	30% ~ 85%
Operating Altitude	3000m (9842.52ft)
Installation	Desktop mounted
Certification	CE, FCC

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