



4K



ENX-256HD2

4U 24 HDD Network Video Recorder

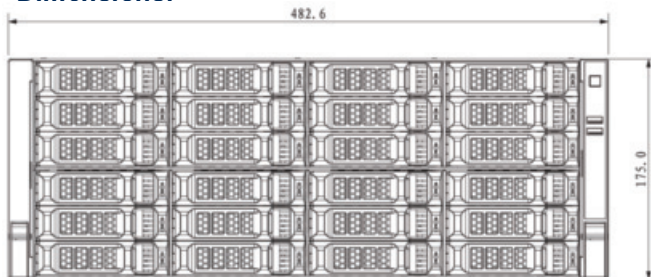


Features:

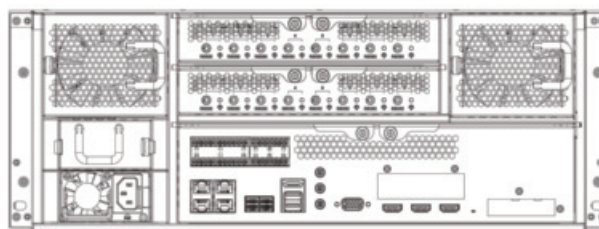
- Intel quad-core processor
- Max 450Mbps incoming bandwidth
- 256 Channel IP video access
- AI Analytics support
(Face detection & Recognition with use of AI camera)
- Supports RAID 0/1/5/6/10
- SAS3.0 for storage extension
- 3 HDMI/1VGA video output
- H.265 / H.264 / MJPEG / MPEG4
- Easy Local GUI & WEB GUI with mouse control
- ONVIF cameras integration
- 24 SAS/SATA HDDs, Up to 10 TB capacity for each HDD,
Independent HDD bracket, hot-swap



Dimensions:



Back Panel:



Model	ENX-256HD2
System	
Main Processor	Intel Quad-core Processor
Operating System	Embedded LINUX
Memory	16GB, up to 64GB
Artificial Intelligence (with AI camera)	
Face Recognition	Show face recognition result from AI camera
Face Detection	Show face detection result from AI camera
Metadata	Record structured data of gender, age, expression, glasses, moustache, mouth mask information
Trigger Events	Buzzer, snapshot, recording, etc.
Display	
Interface	3 HDMI, 1VGA
Resolution	HDMI1/2/3: 3840×2160, 1920×1080, 128×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720
Decoding Capability	24-ch@1080P(30fps)
Multi-screen Display	Up to 36 split for each screen
OSD	Camera title, Time, Motion detection, Recording
Video Detection and Alarm	
Trigger Events	Recording, Snapshot, Buzzer, etc.
Video Detection	Motion Detection, MD Zones: 396 (22 × 18); Tampering
Alarm input	16 Channel
Relay Output	8 Channel
Playback and Backup	
Sync Playback	Up to 16ch sync playback, 128Mbps playback bandwidth
Search Mode	Time /Date, Video Detection, Face and Exact Search (accurate to second)
Backup Mode	USB Device/Network
Storage	
Internal HDD	24 SAS/SATA HDDs, Up to 10 TB capacity for each HDD, Independent HDD bracket, hot-swap
HDD Mode	Single, Raid 0/1/5/6/10 (Enterprise-level HDDs are recommended), Support Global HDD Hot-spare
eSATA	1 eSATA Port (Please contact technical engineer to confirm the compatible device)
SAS	2 SAS 3.0 Ports
Auxiliary Interface	
USB	4 USB Ports (2 USB 2.0, 2 USB 3.0)
RS232	1 Port, for PC Communication
RS485	1 Port

Audio and Video	
IP Camera Input	256 Channel
Two-way Talk	1 × 3.5mm audio input, 1 × 3.5mm audio output
Recording	
Bandwidth	450Mbps
Compression	H.265/H.264/MJPEG/MPEG4
Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, etc.
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Schedule (Continuous, Event)
Network	
Interface	4 RJ-45 Ports (10/100/1000Mbps)
Optional Interface	4 Giga Optical Fiber Interface
Network Port Mode	Independent Ethernet Ports, Load Balance, Fault-Tolerance, Link Aggregation
Network Function	HTTP, HTTPS, TCP/IP, UDP, RTSP, IPv4, NTP, DHCP, DNS, IP Filter, IP Search (Support WatchNET IP camera, DVR, etc.), P2P
Interoperability	ONVIF 2.4, SDK
Electrical	
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz, Hot-swap
Power Consumption	<70W (Without HDD)
Fan	Dual-ball bearing fans, Hot-swap
Environmental	
Operating Conditions	-0°C ~ +45°C (+32°F ~ +113°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Construction	
Dimensions(W×D×H)	4U, 482.6mm x 543.4mm x 175mm (19" x 21.39" x 6.89")
Net Weight	20kg (44.09 lb) (without HDD)
Installation	Standard 19-inch Rack-mounted
Certifications	
	CE, FCC, UL

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