HORUS

■ **HO-NVR32FD-MH4L-4K** | 32 channel IP recorder up to 12MP, dual LAN ports, max. bandwidth 256Mbps in/200Mbps out, 4 slots HDD 8TB

Professional and reliable

■ New logical and visualized GUI design
■ Dual-OS design to ensure high reliability of system running
■ ANR technology to enhance the storage reliability when the network is disconnected

Video Input and Transmission

■ Up to 32-ch 12 MP IP cameras can be connected
■ Connectable to the third-party network cameras

Compression and recording

■ H.265+ compression effectively reduces the storage space and costs by up to 75%
■ Full channel recording at up to 12MP resolution

HD Video Output

■ HDMI/VGA output provided
■ HDMI video output at up to 4K (3840 × 2160) resolution

Storage and Playback

■ Up to 4 SATA interfaces for HDD connection
■ 12-ch synchronous playback at up to 1080p resolution
■ Normal/Important/Custom video playback
■ Important files management
■ HDD health monitoring

Smart & POS Function

■ Supports multiple VCA (Video Content Analytics) events
■ Smart search for the selected area in the video; and smart playback to improve the playback efficiency
■ POS information overlay on live view and playback
■ POS triggered recording and alarm

Network & Ethernet Access
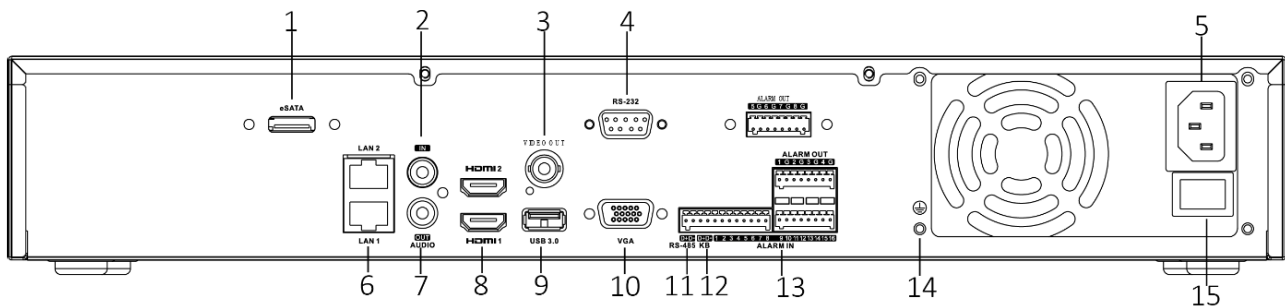
■ Two Gigabit Ethernet network interfaces

HORUS CAMERA SURVEILLANCE

Horus offers a complete range of professional camera surveillance (IP cameras, IP recorders and accessories). These products contain the most innovative technologies on the market, making them suitable for different security projects (private, SME and industrial installations). With the practical and simple Horus app you can remotely consult live or recorded camera surveillance images. Push notifications on your smartphone or tablet keep you informed in real time.

SPECIFICATIONS

Video/Audio input	
IP video input	32 channel
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Network	
Incoming bandwidth	256 Mbps
Outgoing bandwidth	200 Mbps
Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/ QCIF
CVBS output (Optional)	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Video/Audio output	
HDMI/VGA resolution (as main port)	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 4K resolution is only available for HDMI.
HDMI/VGA resolution (as aux port)	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio output	1-ch, RCA (Linear, 1 KΩ)
Decoding	
Decoding format	H.265/H.265+/H.264/H.264+/MPEG4
Synchronous playback	16-channel
Capability	12-ch @ 1080p
Smart Analysis	
Capability	False alarm filtering for 4-ch behavior (line crossing and intrusion) detection for 2 MP, 3 MP, and 4 MP network camera
Hard disk	
SATA	4 SATA interfaces for four 3.5-inch HDDs
Capacity	Up to 8 TB capacity for each HDD
eSATA	1 eSATA interface
External interface	
Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Serial interface	RS-485 (half-duplex), RS-232, Keyboard
USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm in/out	16/4
General	
Power supply	100 to 240 VAC
Power	≤ 80 W
Consumption (without hard disk)	≤ 30 W
Working temperature	-10° C to +55° C (+14° F to +131° F)
Working humidity	10 to 90 %
Chassis	1.5U chassis
Dimensions (W × D × H)	445 × 400 ×71 mm (17.5"× 15.7" × 2.8")
Weight (without hard disk)	≤ 5 kg (11 lb)

DIMENSIONS

Index	Description	Index	Description
1	eSATA interface	9	USB 3.0 interface
2	Audio input	10	VGA output
3	Video output	11	RS-485 serial interface
4	RS-232 serial interface	12	Keyboard interface
5	100 to 240 VAC power supply	13	Controller Port, Alarm In/Alarm Out
6	Network interfaces	14	GND
7	Audio output	15	Power Switch
8	HDMI output		