Homaxi

NVR808H-64

64 Channel 2U 8HDD Network Video Recorders

Key Features

- 64CH IP video input, up to 12MP
- H.265+/H.265 dual-stream video compression
- Incoming/Outgoing bandwidth: 1024Mbps/800Mbps (without raid)
- Decoding: 32CH 1080P@30fps/16CH 4Mp@30fps/8CH 8Mp@30fps/5CH 12Mp@30fps
- Supports mainstream cameras of ONVIF and RTSP protocol
- AI by camera: SMD, perimeter protection, face detection, etc.

Professional and Reliability

- H.265+ compression effectively reduces storage requirements by up to 75%
- Third-party cloud storage integration –Google Drive and Dropbox for video backup

Stability

- N+1 hot spare
- Automatic network replenishment
- RAID 0, 1, 5, 10

Third-Party Compatibility

- Supports ONVIF and RTSP protocols for seamless integration with third-party cameras

Smart Search and Playback

- Smart search and smart playback for the smart events triggered by humans or vehicles

HD Video Output

- Support 4 x HDMI and 2 x VGA outputs
- Provide heterologous output for the 4 HDMI ports
- HDMI video output at up to 8K resolution

Storage and Playback

- Up to 8 SATA interfaces (up to 22 TB capacity per HDD)
- 16-ch synchronous playback

Network & Ethernet Access

- Dual self-adaptive 10/100/1000/2500Mbps Ethernet interface
- Homaxi-view app for easy network management

Specification

Video & Audio Input			
IP Video Input	64 ch		
Audio Input	1-ch, RCA		
Video & Audio Output			
HDMI	HDMI 1: 7680 × 4320/30Hz, 3840 × 2160/30Hz,1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI 2: 3840 × 2160/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI 3: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI 4: 3840 × 2160/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz		
VGA	VGA 1: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA 2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz		
Video Output	2-channel VGA, 4-channel HDMI video output		
	Simultaneous	max. resolution of HDMI1 is 8K max. resolution of HDMI2 and HDMI4 is 4K max. resolution of VGA1 VGA2 and HDMI3 is 1080p	
	Heterologous	Simultaneous video source output for VGA1 and HDMI4 Simultaneous video source output for VGA2 and HDMI2 max. resolution of HDMI1 HDMI4 and HDMI2 is 4K, max. resolution of HDMI3 is 1080P max. resolution of VGA1 and VGA2 is 1080P	
Main Screen (screen split)	1, 4, 8, 9, 16, 25, 36, 64 screen split		
Secondary Screen (screen split)	1, 4, 8, 9, 16, 25, 36 screen split		
Audio Output	2-ch, RCA		
Recording			
Compression	H.265+/H.265/H.264+/H.264		
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF/QCIF		
Playback & Backup			
Playback Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF/QCIF		

Decoding Capability	H.265	32-ch @ 1080P 30fps
		16-ch @ 4Mp 30fps
		8-ch @ 8Mp 30fps
		4-ch @ 16Mp 30fps
		2-ch @ 32Mp 30fps
	H.264	16-ch 1080P @ 30fps
		8-ch 4Mp @ 30fps
		4-ch 8Mp @ 30fps
		2-ch 16Mp @ 30fps
		1-ch 32Mp @ 30fps
Synchronous Playback		16 ch @ 1080P 30fps/16 ch @ 4Mp 30fps/8 ch @ 8Mp 30fps/5ch @ 12Mp 30fps
Playback Mode		Smart Playback/Normal/Time Division/ Label/ Event/ Picture Playback
Backup Mode		USB Device/Network/eSATA

Advanced Features

Smart Detection By Camera	Area Intrusion, Line crossing, Region Entrance /Region Exiting, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering Detection, Blurred detection, Scene change detection, Audio exception detection,SMD,PP
Smart Playback	Face Detection/Line Crossing/Are Intrusion/Motion Detection
Cloud Storage	Support
Cloud Upgrade	Support

Network

Incoming Bandwidth	1024Mbps (without raid) /512Mbps (raid)
Outgoing Bandwidth	800Mbps (without raid) /400Mbps (raid)
Ethernet	2 x RJ-45 10 /100 /1000/2500Mbps self-adaptive Ethernet interface
Protocols	HTTPs, HTTP, TCP/IP, IPv4, UPnP, RTSP, UDP, SMTP, SNMP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, P2P, ONVIF
Mobile Surveillance	IOS, Android

Hard Disk

SATA	8 SATA interface
Capacity	Up to 22TB capacity for each HDD
RAID	RAID 0, 1, 5, 10

External Interface

USB Interface	Front panel: 2 × USB 2.0 Rear panel: 2 × USB 3.0
eSata	1 x eSATA
RS 485	1-ch
RS 232	1-ch
12V Out	1-ch
Alarm In	16-ch
Alarm Out	8-ch

General

General	
Operating Conditions	(-10°C ~ 55°C) (14°F ~ 131°F) Humidity 10% to 90%
Power Supply	AC 100 ~ 240 V
Power Consumption	MAX. 30 W (without HDD)
Dimensions (W × D × H)	17.32" × 17.80" × 3.54", 2U (440 × 452 × 90 mm)
Gross Weight	17.63 lb (8 kg)

Dimensions
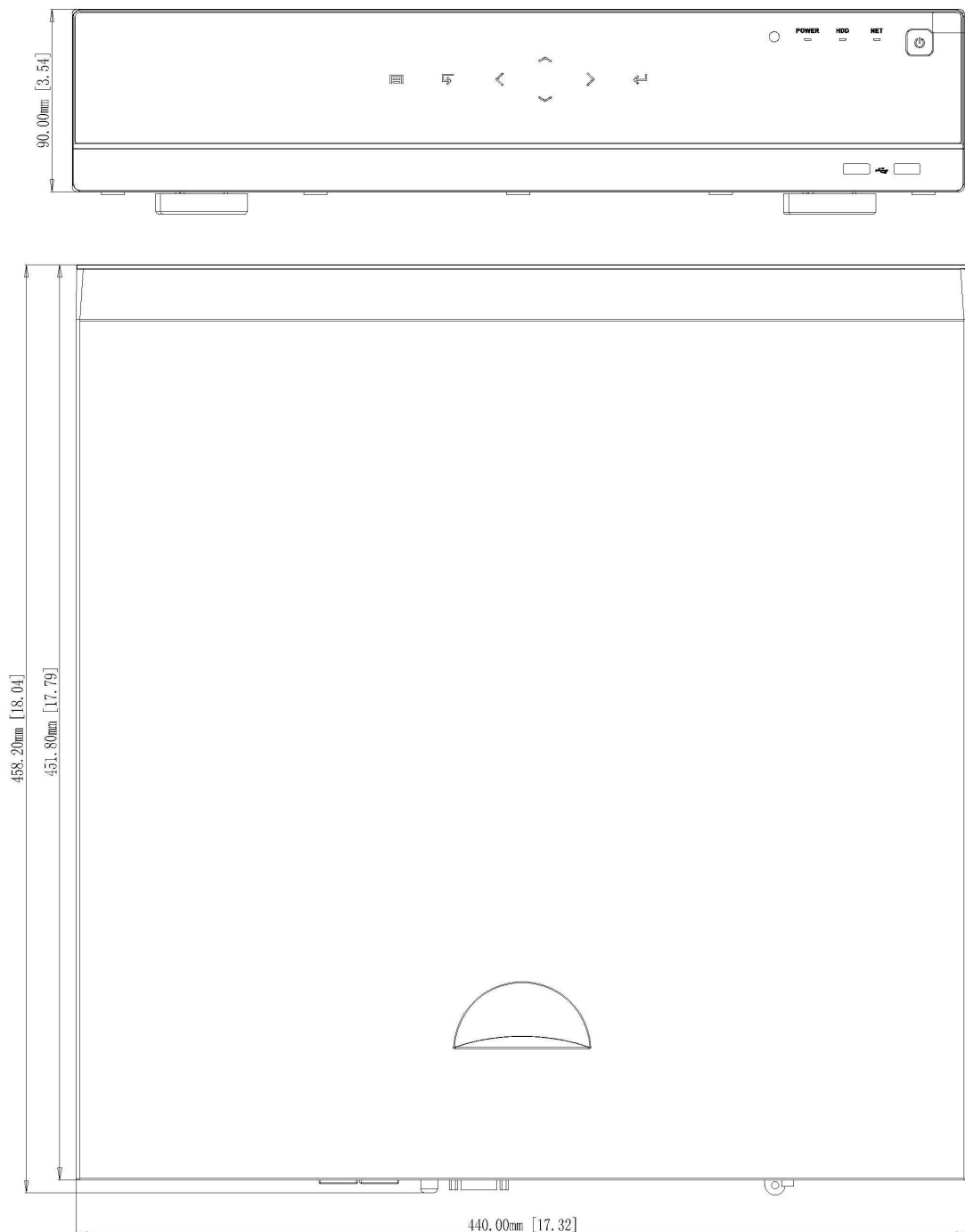
Rear Panel
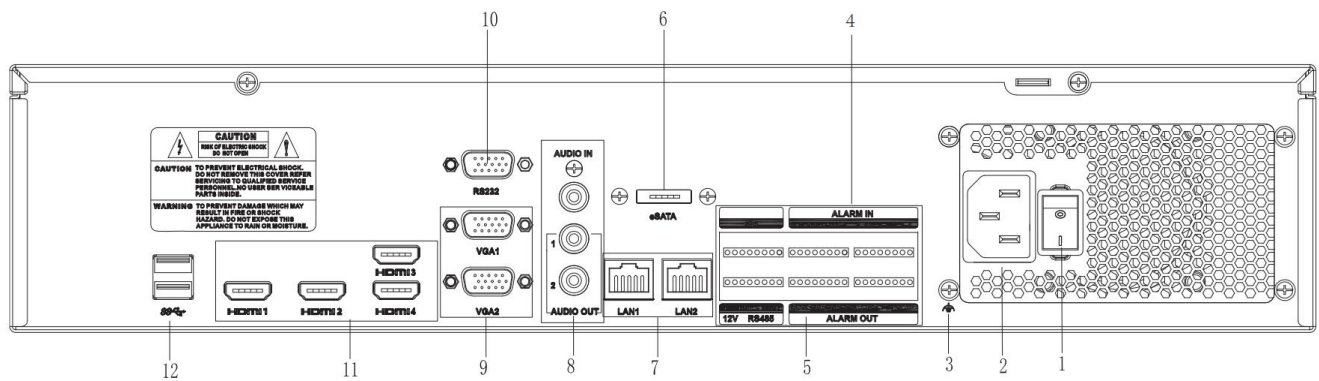
No.	Description	No.	Description
1	Power Switch	7	Network Port
2	Power Input	8	Audio IN/OUT RCA
3	Ground	9	VGA Port
4	Alarm Input	10	RS232 Port
5	Alarm Out	11	HDMI Port
6	e SATA Port	12	USB Port