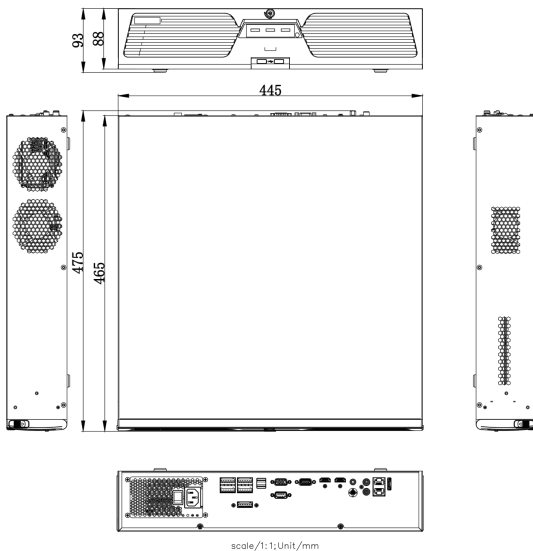


16-Channel Embedded Network Video Recorder

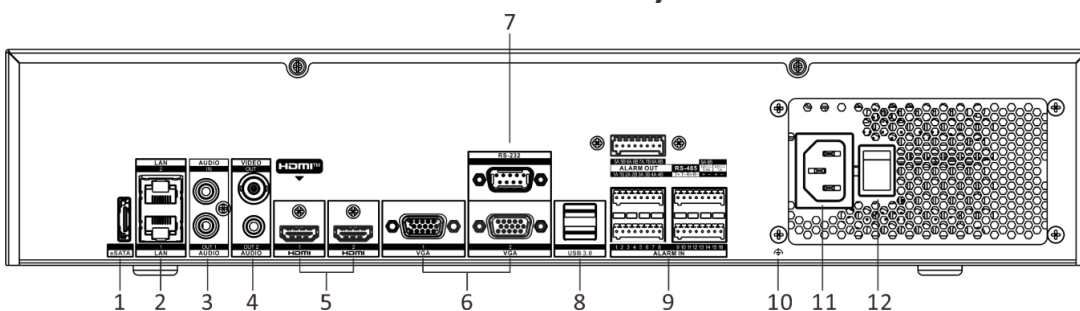


Dimension



- Up to 16-ch IP camera inputs
- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP/16-ch@4 MP/32-ch@1080p decoding capacity
- Up to 320 Mbps incoming bandwidth and 400 Mbps outgoing bandwidth
- 2 HDMI (different source) and 2 VGA (different source) interfaces, 8K or dual 4K video outputs
- Supports special cameras, including people counting camera, ANPR (automatic number plate recognition) camera, and fisheye camera
- Advanced streaming technology enables smooth live view in poor network conditions
- Supports RAID 0, 1, 5, 6, 10 and N+M hot spare for even more reliable data storage, effectively avoids data loss risks
- 8 SATA interfaces for HDD connection (up to 14 TB capacity per HDD)
- 1 eSATA interface for HDD connection
- 16-ch synchronous playback

Physical Interface



No.	Description	No.	Description
1	eSATA interface	7	RS-232 Serial interface
2	LAN interfaces	8	USB 3.0 interfaces
3	Audio in and out	9	Alarm in, alarm out, RS-485 serial interface, Ctrl 12V and DC 12V
4	Audio out and video out	10	GND
5	HDMI 1 and HDMI 2 interfaces	11	100 to 240 VAC power supply
6	VGA 1 and VGA 2 interfaces		

Specification

Video and Audio	
IP Video Input	16-ch/Camera Access Protocol,ONVIF(Version 2.5), RTSP
Incoming Bandwidth	320 Mbps
Outgoing Bandwidth	400 Mbps
HDMI 1 Output	8K (7680 × 4320)/30Hz, 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
HDMI 2 Output	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 *: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.
VGA 1 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA 2 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Output Mode	HDMI 1 and VGA 1 provide simultaneous video output, and work as the main output; HDMI 2 and VGA 2 provide simultaneous video output, and work as the auxiliary output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
Decoding	
Decoding Format	H.265+/H.265/H.264+/H.264
Recording Resolution	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/ 4 MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF @30fps
Synchronous playback	16-ch
Decoding Capability	2-ch@32 MP (30 fps)/8-ch@8 MP (30 fps)/16-ch@4 MP (30 fps)/32-ch@1080p (30 fps)
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F), Humidity: 10% to 90%
Power Supply	100 to 240 VAC, 50 to 60 Hz