

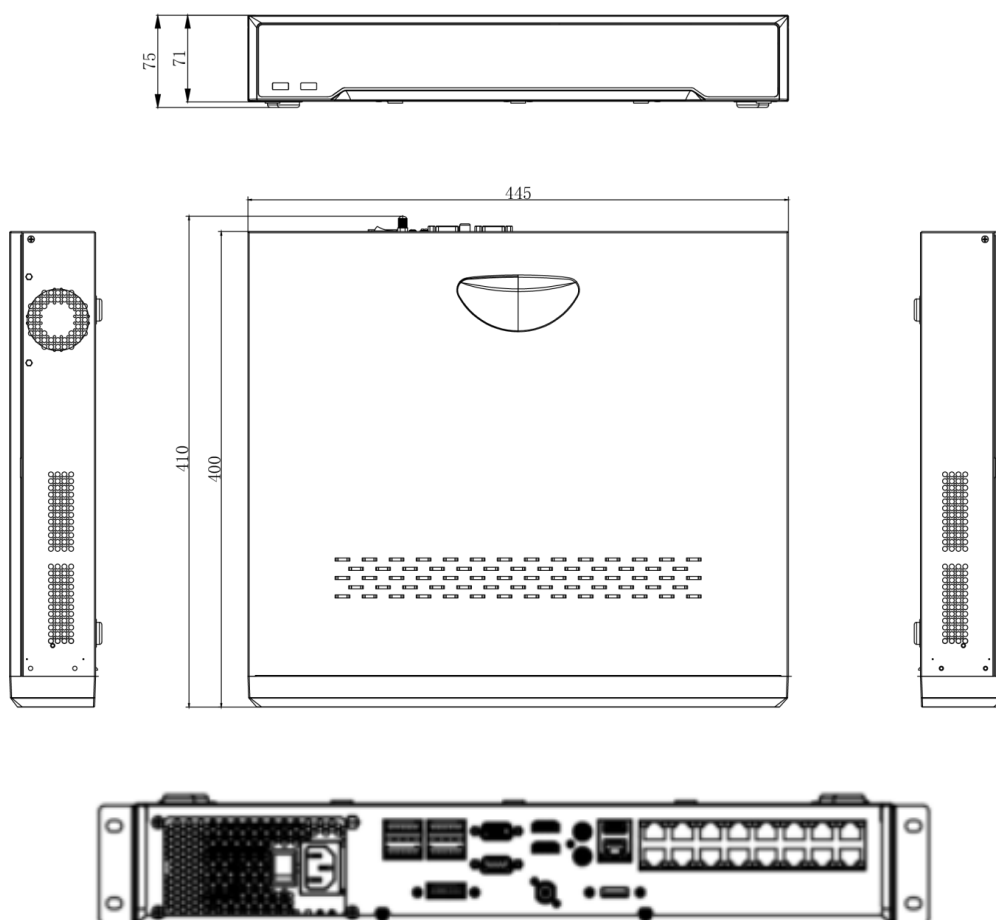


32 Channel 4 SATA Embedded Network Video Recorder, 16 PoE port



- H.265+/H.265/H.264+/H.264 video formats
- Up to 32-ch IP camera inputs
- 32-ch@1080p decoding capacity
- Up to 320 Mbps incoming bandwidth
- Dual-stream recording saves bandwidth
- Provide independent HDMI and VGA outputs
- HDMI video output at up to 4K resolution
- Up to 4 SATA interfaces for HDD connection
- 16 PoE port 10/100M
- Event Motion Detection, Smart VCA Event, Network Attack, PIR Detection, Tamper Detection, Camera DI/DO, Camera Disconnected, Disk Error, Disk Full, NVR DI/DO, PoE Error, Fan Error• Object Search People, Vehicles

Dimension



Specification

Video and Audio	
IP Video Input	32-ch
Recording mode	• Continuous, Schedule, Manual, Event, Activity Adaptive Streaming • Watermark support • Deep search (Attribute search, Scene search) • Support Smart VCA technology for event search and recording
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
VGA Output	1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Output Mode	HDMI1/VGA simultaneous output, HDMI2/VGA independent output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-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/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Smart event	Search by crossing protected area, trespassing, loitering Search by Attributes Person: Gender, Age, Clothing Color, Vehicle Accessories: Type, Color Counting Solution, Event Search, Smart Search II, Cloud App, VMS, Cybersecurity Management and Trend Micro IoT Security
Synchronous Playback	16-ch
Decoding Capability	2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@12 MP (20 fps)/8-ch@8 MP (25 fps)/16-ch@4 MP (30 fps)/32-ch@1080p (30 fps)
Dual-Stream Recording	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2
Network	
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network Interface	2 RJ-45 10/100/1000 Mbps, 16 PoE port 10/100M

RAID	
RAID Type	0, 1, 5
Auxiliary Interface	
eSATA	1 eSATA interface
SATA	4 SATA interfaces
Capacity	Up to 16 TB capacity for each disk
Serial Interface	2 RS-485 (half-duplex), 1 RS-232
Alarm In/Out	16/9
USB Interface	01 x USB 2.0, 01 x USB 3.0, Alarm In, Alarm out, RS485, Audio in 3.5 Phone Jack, Audio out 3.5 Phone Jack
Ctrl 12V	Controllable 12 VDC, 1 A power output for external alarm device; The power will be turned on when the alarm output is triggered. *: The Ctrl 12V power is controlled by alarm output 9.
DC 12V	12 VDC, 1 A power output
General	
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 15 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Chassis	19-inch rack-mounted 1.5U chassis
Dimension (W × D × H)	445 × 400 × 75 mm (17.5"× 15.7" × 3.0")
Weight	≤ 5 kg (without HDD, 11 lb.)

Physical Interface



No.	Description	No.	Description
1	eSATA Interface	8	VGA Output (DB9 Connector)
2	LAN1 and LAN2 Interfaces	9	RS-232 Serial Interface
3	AUDIO OUT	10	RS-485 Serial Interface, Controller Port, ALARM IN, ALARM OUT 16/4 (16/8 optional)
4	AUDIO IN	11	GND
5	HDMI 1 and HDMI 2 Interfaces	12	Power port Switch
6	USB 3.0 Interface	13	100 to 240 VAC Power Supply
7	VIDEO OUT		