

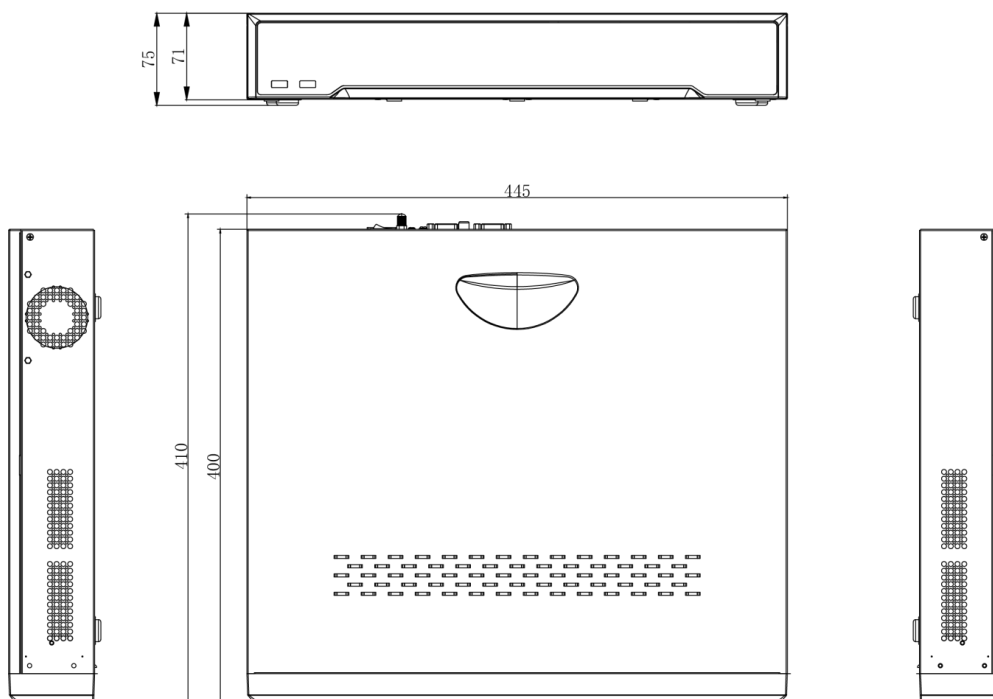


64 Channel 16 SATA Embedded Network Video Recorder

- H.265+/H.265/H.264+/H.264 video formats
- Up to 64-ch IP camera inputs
- 64-ch@1080p decoding capacity
- Up to 512 Mbps incoming bandwidth
- Dual-stream recording saves bandwidth
- Provide independent HDMI and VGA outputs
- HDMI video output at up to 8K resolution
- Up to 16 SATA interfaces for HDD connection
- Ethernet: 2.5 Gigabit LAN x2
- Enhanced monitoring: e-map, drag-and-drop control, PiP (Digital Zoom) remote I/O control; Video display mode (Aspect ratio & Camera info); Metadata display (VCA, Data Magnet)
- Support ONVIF Profile S



Dimension



Specification

Video and Audio	
IP Video Input	64-ch
Recording mode	<ul style="list-style-type: none"> • Continuous, Schedule, Manual, Event, Activity Adaptive Streaming • Watermark support • Deep search (Attribute search, Scene search) • Support Smart VCA technology for event search and recording • Dual Screen Support
Incoming Bandwidth	512 Mbps
Outgoing Bandwidth	650 Mbps
HDMI 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
Fisheye Dewarp	10, 1P, 1R, 103R, 4R, 2P, 4R Pro, 108R
VGA Output	1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Output Mode	HDMI x1, Display Port x1, DVI x1, VGA x1
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
Smart event	Smart VCA: Intrusion Detection, Loitering Detection, Crossing Detection, Unattended Object Detection, Missing Object Detection, Face Detection, Crowd Detection, Running Detection, Parking Violation Detection, Restricted Zone Detection, PIXELAB ISM Professional, Deep search, Smart Search I,II, Auto Network Replenishment (ANR) Audio Detection, Camera DI/DO, Camera Disconnected, IR (Infrared), Motion Detection, PIR(Passive Infrared), PPTZ (Panoramic PTZ), Recording Error, SD Card Lifetime Detection, Shock Detection, Record Stop, Tamper Detection, Temperature, Video Loss
Synchronous Playback	64-ch
Decoding Capability	1-ch@32 MP (30 fps)/2-ch@12 MP (20fps)/4-ch@8 MP (25fps)/8-ch@4 MP (30fps)/16-ch@1080p (30fps)
Dual-Stream Recording	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2
Network	
Remote Connection	192 with license
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 2.5 Gigabit

RAID	
RAID Type	0, 1, 5, 6, 10, 50, 60
Auxiliary Interface	
eSATA	1 eSATA interface
SATA	16 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	≤ 30 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.)