

24-channel 4K Network Video Recorder

1.5U 24-port PoE 4K H.265 Network Video Recorder



- Smart H.265+ and Smart H.264+ Video Compression
- Maximum 320 Mbps Incoming Bandwidth
- Up to 12 MP Resolution for Preview and Playback
- Support for IPC and UPnP Protocols
- 24 PoE Ports
- Customized Live View Layout with Support for Panoramic Displays
- Intelligent Video System with Business Analytics
- 3D Intelligent Positioning with Dahua PTZ Cameras



System Overview

Dahua's Pro Series network video recorders offer excellent performance and high recording quality for IP video surveillance applications. For applications where details are critical for identification, this professional NVR provides a powerful processor with up to 4K resolution. Additionally, the NVR features a mouse shortcut operation menu, remote management and control, center storage, edge storage, and back up storage.

Designed as a cost-effective and easy to install recorder, this NVR is an ideal addition to any security system that monitors public spaces, water conservancy, transportation, city centers, schools, and financial institutions.

The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems with or without a video management system (VMS). Its open architecture supports multi-user access and it is compatible with ONVIF 2.4, enabling interoperability when combined with 4K cameras.

Functions

Dewarping Mode

The NVR has the ability to correct the distortion in a circular panoramic view produces by a fisheye lens. The NVR offers various dewarping modes for different installations and configurations.

4K Resolution

4K resolution is a revolutionary breakthrough in image processing technology. 4K delivers four times the resolution of Full HD 1080p devices and offers superior picture quality and image details. 4K resolution improves the clarity of a magnified scene to view or record crisp forensic video from large areas.

Intelligent Video System (IVS) Recording

With built-in intelligent video analytics, the NVR has the ability to detect and analyze moving objects for improved video surveillance. The NVR provides standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed, People Counting, ideal for business intelligence, and Facial Detection, for searching or identification of individuals.

Heat Map

The Heat Map option highlights the areas with the highest concentration of people. This information can then be exported into a customized report to assist in business or forensic analysis.

Point of Sale (POS) (Optional)

Ideal for grocery and retail stores, the optional POS solution allows the NVR to receive a POS transaction via corresponding video. This feature allows merchants to analyze specific transactions via the Fuzzy Search Algorithm.

Automatic Network Replenishment Technology (ANR)

Network Video Recorders with the ANR function automatically store video data on an IP camera SD card when the network is disconnected. After recovery of the network, the NVR automatically retrieves the video data stored on the camera.



System	Technical Specification		Third-party Support		
Part					
Departing System Probabilists Depart Probabilists Depart Probabilists Depart Probabilists Depart Probabilists Depart	,	Embedded Quad-core Processor	Third-party Support	Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek,	
Audio and Video Processing 100 20 chamels Processing 100 Process	Operating System	Embedded Linux	Network	and others	
Poc 12	Audio and Video				
Display Tave C C C C C C C C	IP Camera Input	24 Channels	Ethernet	One (1) RJ-45 Port (10/100/1000 Mbps)	
Two 2 MM Ports	Two-way Talk		РоЕ	24 Ports (IEEE802.3af/at), 10/100 Mbps	
Maximum Decoding	Display		Forwarding Bandwidth	320 Mbps	
Maximum Decoding 1280 720, 1024 768 / TRAP # 170 fpt Top (1) Characteris of 1280 # 120 fpt Top (1) Characteris of 1280 # 130 fpt Sirve (5) Characteris of 1280 # 130 fpt Sirve (5) Characteris of 1880 # 130 fpt Sirve (10) Characteris of 1880 # 130 fpt Sirve (10) Characteris of 1880 # 130 fpt Sirve (11) Characteris of 1880 # 130	Interface	• HDMI-1: 4K • HDMI-2: 1080p	Network Function	SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search	
Mobile Operating System IOS, Android Interoperability ONVE 2.4, CGI Conformant Conform	Native Output Resolution		Maximum User Access	128 Users	
Pack Commerce of Mar at 90 fps Single (1) Channels of AMP at 90 fps Epit (8) Channels of AMP at 90 fps Epit (8) Channels of AMP at 90 fps Epit (8) Channels of AMP at 90 fps Storage Storage	Maximum Decoding	Two (2) Channels of 12MP at 15 fps Four (4) Channels of 8MP at 30 fps Five (5) Channels of 6MP at 30 fps Six (6) Channels of 5MP at 30 fps Eight (8) Channels of 4MP at 30 fps Eleven (11) Channels of 3MP at 30 fps Sixteen (16) Channels of 1080p at 60 fps	Mobile Operating System	IOS, Android	
Eight (E) Channels of 14MP at 30 fips Streem (EI) Channels of 13MP at 3MP a			Interoperability	ONVIF 2.4, CGI Conformant	
Sixteen (Is Channels of 1080p x 60 fps Sixteen (Is) Channels of 1080p x 60 fps Second Screen: 11/18/9/16/25 Second Screen: 11/18/9/16/25 Second Screen: 11/18/9/16/25 Second Screen: 11/18/9/16/25 Second Screen: 11/18/9/16 On-screen Display Compression Smart H.265+, H.265, Smart H.264+, H.264, MPEG Supported IP Camera 13 MP, 720p, DJ, CIF, Maximum Incoming Bandwidth 13 MP, 720p, DJ, CIF, Maximum Incoming Bandwidth 23 MB x 20 Mbps Maximum Incoming Bandwidth 16 Kips to 20 Mbps per channel 16 Kips to 20 Mbps per channel 16 Kips to 20 Mbps per channel 17 NS, 5top Pre-record: 11 03 30 S Pre-rec			Storage		
Multi-screen Display Second Screen: 1/4/8/9/16 On-screen Display Camera Title, Time, Video Loss, Camera Lock, Micton Detection, Recording Recording Compression Smart H.26+s, H264, Smart H.26+s, H264, MIPEG Supported IP Camera 1.2 MP, 2 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 1.2 MP, 2 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 1.3 MP, 720p, D1, CIF, Maximum Incoming Bandwidth 320 Mbps Bit Rate 16 Kbps to 20 Mbps per channel 16 Kbps to 20 Mbps per channel 16 Kbps to 20 Mbps per channel Record Mode Manual, Schedule (Regular, Motion Detection), Alarm, NS, Stup Record Interval Per record: 1 to 30 s Post-record: 10			Internal HDD		
Recording Recording Recording Resolution Smart H265+, H265, Smart H264+, H264, MIPEG Supported IP Camera Resolution 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 13 MP, 720p, D1, CIF, Maximum Incoming Bandwidth 320 Mbps Bit Rate 16 Kbps to 20 Mbps per channel Record Mode Record Mode Record Interval R	Multi-screen Display		Maximum Storage Capacity	32 TB	
Compression Smart H.265+, H.265, Smart H.264+, H.264, MJPEG Supported IP Camera Resolution 1.3 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 1.3 MP, 720p, D1, CIF, Maximum Incoming Bandwidth 320 Mbps Bit Rate 16 kbps to 20 Mbps per channel Record Mode Manual, Schedule (Regular, Motion Detection), Alarm, IVS, Stop 1 to 120 minutes (default: 60 minutes) Per-record: 1 to 3 0.5 Post-record: 1 t	On-screen Display		HDD Mode	Single	
Auxiliary Interface 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 1.3 MP, 720p, D1, CIF, 1.3 MP, 720p, D1, D1, CIF, 1.3 MP, 720p, D1, CI	Recording		eSATA	One (1) Port	
Supported IP Camera 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 1.3 MP, 720p, DI, CIF, Maximum Incoming Bandwidth 320 Mbps Bit Rate 16 Kbps to 20 Mbps per channel 82322 One (1) Port for PC Communication and Keyboard Precord: 1 to 30 S Pre-record: 1 to 30 S Pre-r	Compression	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	A ilia m lata afa a a		
Maximum Incoming Bandwidth Bit Rate 16 Kbps to 20 Mbps per channel Record Mode Manual, Schedule (Regular, Motion Detection), Alarm, NS, 5top Pre-record: 1 to 3 0's Post-record: 1 to 3 0's Power Supply Single, 100 VAC to 240 VAC, 50/60 Hz Power Supply Single, 100 VAC to 240 VAC, 50/60 Hz Power Consumption 1 to 18 Power 2 5,5 W single port, 220 W total Environmental Poperating Conditions 10° C to +55° C (+14° F to +131° F) Invironmental Construction Playback and Backup Sync Playback 1/4/9/16 NVR Video Output 1/4/9/16 NVR Video Output 1/4/9/16 Search Mode 1/4/9				Two (2) USB 3.0 Ports, rear panel	
Record Mode Manual, Schedule (Regular, Motion Detection), Alarm, IVS, Stop Record Interval Alto 120 minutes (default: 60 minutes) Pre-record: 1 to 30's Post-record: 10 to 30's Power Supply Single, 100 VAC to 240 VAC, 50/60 Hz Power S	Maximum Incoming Bandwidth	320 Mbps	036	One (1) USB 2.0 Port, front panel	
Record Interval Record Interval 1 to 120 minutes (default: 60 minutes) Pre-record: 1 to 30 s Post-record: 10 to 300 s Power Supply Power Supply Single, 100 VAC to 240 VAC, 50/60 Hz Power Supply Single, 100 VAC to 240 VAC, 50/60 Hz Power Supply Single, 100 VAC to 240 VAC, 50/60 Hz Trigger Events Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips FTP, Snapshot, Buzzer and Screen Tips Uideo Detection, MD Zones: 396 (22 x 18), Video Loss and Tampering Video Detection, MD Zones: 396 (22 x 18), Video Loss and Tampering Alarm Input 16 Channels, Sik (6) Channels, NO/NC Programmable, Green Terminal Interface Sik (6) Channels, NO/NC Programmable, Green Terminal Interface Playback and Backup Sync Playback 1/4/9/16 Net Weight 1/4/9/16 Net Weigh	Bit Rate	16 Kbps to 20 Mbps per channel	RS232	One (1) Port for PC Communication and Keyboard	
Record Interval Pre-record: 1 to 30 s Post-record: 1 to 30 s Post-record: 1 to 30 s Post-record: 10 to 300 s Video Detection and Alarm Trigger Events Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips Video Detection Motion Detection, MD Zones: 396 (22 x 18), Video Loss and Tampering Alarm Input 16 Channels, Low Level Effective, Green Terminal Interface Low Level Effective, Green Terminal Interface Playback and Backup Sync Playback 1/4/9/16 NVR Video Output Four (4) Channels at 4K or 16 Channels at 1080p Four (4) Channels at 1080p Power Supply Single, 100 VAC to 240 VAC, 50/60 Hz Power Consumption 7 total PoE Power Playback and Interface Storage Conditions -10° C to +55° C (+14° F to +131° F) -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Construction Construction Dimensions 1.5U, 440.0 mm x 413.30 mm x 76.0 mm (17.30 in. x 16.30 in. x 2.99 in.) NR Weight 4.70 kg (10.40 lb), without HDD Four (4) Channels at 1080p Installation Rack-mounted Certifications CE ENS5032, ENS5024, EN50130-4, EN60950-1 CAN/CSA C22.2 No.60960-1 Electromagnetic Compatibility FCC Part 15 Subpart B	Record Mode		RS485	One (1) Connection for PTZ Control	
Video Detection and Alarm Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips Video Detection Motion Detection, MD Zones: 396 (22 x 18), Video Loss and Tampering Alarm Input If Channels, Low Level Effective, Green Terminal Interface Relay Output Six (6) Channels, NO/NC Programmable, Green Terminal Interface Playback and Backup Sync Playback If Channels at 4K or 16 Channels at 1080p Search Mode Time/Date, Alarm, MD and Exact Search (accurate to one second) Play Pause, Stop, Rewind, Fast Play, Slow Play, Next Flie, Previous Camera, Full Screen, Repeat, Shuffle, Backup Mode Backup Mode USB Device, Network, eSATA Device Plettorn Trigger Events Power Consumption 1 tal W, without HDD 1 total PoE Power 2 total Po		1 to 120 minutes (default: 60 minutes) Pre-record: 1 to 30 s	Electrical		
Trigger Events Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips Video Detection Motion Detection, MD Zones: 396 (22 x 18), Video Loss and Tampering Alarm Input 16 Channels, Low Level Effective, Green Terminal Interface Relay Output Six (6) Channels, NO/NC Programmable, Green Terminal Interface Playback and Backup Sync Playback NVR Video Output Four (4) Channels at 1080p Playback Function Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous Camera, Previous Camera, Frevious Camera, Frevious Camera, Frevious Camera, Frevious Camera, Frevious Camera, Previous Camera, Previous Camera, Frevious Camera, Frevious Camera, Frevious Camera, Previous Ca	Record Interval		Power Supply	Single, 100 VAC to 240 VAC, 50/60 Hz	
Trigger Events Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips Video Detection Motion Detection, MD Zones: 396 (22 x 18), Video Loss and Tampering Alarm Input 16 Channels, Covered Feffetive, Green Terminal Interface Relay Output Six (6) Channels, NO/NC Programmable, Green Terminal Interface Playback and Backup Sync Playback NVR Video Output Four (4) Channels at 1080p Four (4) Channels at 1080p Search Mode Time/Date, Alarm, MD and Exact Search (accurate to one second) Play Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Mode USB Device, Network, eSATA Device Total PoE Power 25.5 W single port, 220 W total Environmental Environmental Pavironmental Conditions -10° C to +55° C (+14° F to +131° F) Storage Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Construction Total PoE Power Environmental Pavironmental Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Construction Construction Net Weight 4.70 kg (10.40 lb), without HDD For Saw Weight 6.84 kg (15.10 lb) Installation Rack-mounted Certifications Cettifications Ce			Power Consumption	< 18 W, without HDD	
Video Detection Motion Detection, MD Zones: 396 (22 x 18), Video Loss and Tampering Alarm Input 16 Channels, Low Level Effective, Green Terminal Interface Relay Output Six (6) Channels, NO/NC Programmable, Green Terminal Interface Playback and Backup Sync Playback NVR Video Output Four (4) Channels at 1080p Search Mode Time/Date, Alarm, MD and Exact Search (accurate to one second) Play Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Mode Backup Mode USB Device, Network, eSATA Device Electromagnetic Compatibility Environmental Operating Conditions -10° C to +55° C (+14° F to +131° F) Operating Conditions -10° C to +55° C (+14° F to +131° F) Operating Conditions -10° C to +55° C (+14° F to +131° F) Storage Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operating Conditions -20° C to +70° C (-4° F to +158° F), 0 to 90% RH Operati			Total PoE Power	25.5 W single port, 220 W total	
Alarm Input 16 Channels, Low Level Effective, Green Terminal Interface Relay Output Six (6) Channels, NO/NC Programmable, Green Terminal Interface Playback and Backup Sync Playback NVR Video Output Search Mode Time/Date, Alarm, MD and Exact Search (accurate to one second) Playback Function Playback Function Play Date, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Mode USB Device, Network, eSATA Device Storage Conditions -10° C to +55° C (+14° F to +131° F) Storage Conditions -10° C to +55° C (+14° F to +131° F) Storage Conditions -10° C to +55° C (+14° F to +131° F) Storage Conditions -10° C to +55° C (+14° F to +131° F) Storage Conditions -20° C to +70° C (-4° F to +131° F) Storage Conditions -20° C to +70° C (-4° F to +131° F) Storage Conditions -20° C to +70° C (-4° F to +131° F) Storage Conditions -20° C to +70° C (-4° F to +131° F) Storage Conditions -20° C to +70° C (-4° F to +131° F) Storage Conditions -20° C to +70° C (-4° F to +131° F) Storage Conditions -20° C to +70° C (-4° F to +131° F) Storage Conditions -20° C to +70° C (-4° F to +138° F), 0 to 90% RH Construction Net Weight -4.70 kg (10.40 lb), without HDD Gross Weight -5.84 kg (15.10 lb) Installation -6.84 kg (15.10 lb) Installation -6.84 kg (15.10 lb) Certifications Certifications CE ENS5032, ENS5034, EN50130-4, EN60950-1 CAN/CSA C22.2 No.60960-1 Electromagnetic Compatibility -6.84 kg (15.10 lb) Safety -6.84 kg (15.10 lb) Storage Conditions -5.85 c (+14° F to +138° F), 0 to 90% RH -6.84 kg (15.10 lb) Storage Conditions -5.85 c (+14° F to +138° F), 0 to 90% RH Construction 1.5U, 440.0 mm x 413.30 mm x 76.0 mm (17.30 in. x 16.30 in. x 2.99 in.) Storage Conditions -5.90 c (4.40 lb), without HDD Search Mode 1.5U, 440.0 mm x 413.30 mm x 76.0 mm (17.30 in. x 16.30 in. x 2.99 in.) Installation -6.84 kg (15.10 lb) Installation -6.84 kg (15.10 lb) Safety -6.84 kg (15.10 lb) Safety -6.84 kg (15.10 lb) Safety -6.84 kg (15.10	Trigger Events	FTP, Snapshot, Buzzer and Screen Tips	Environmental		
Relay Output Six (6) Channels, NO/NC Programmable, Green Terminal Interface Playback and Backup Sync Playback I/4/9/16 NVR Video Output Four (4) Channels at 4K or 16 Channels at 1080p Search Mode Playback Function Playback Function Playback Function Low Level Effective, Green Terminal Interface Six (6) Channels, NO/NC Programmable, Green Terminal Interface Dimensions Net Weight 4.70 kg (10.40 lb), without HDD Gross Weight 6.84 kg (15.10 lb) Installation Rack-mounted Certifications CE EN55032, EN55024, EN50130-4, EN60950-1 Safety Backup Mode USB Device, Network, eSATA Device Electromagnetic Compatibility FCC Part 15 Subpart B	Video Detection		Operating Conditions	-10° C to +55° C (+14° F to +131° F)	
Relay Output NO/NC Programmable, Green Terminal Interface Playback and Backup Sync Playback 1/4/9/16 NVR Video Output Four (4) Channels at 4K or 16 Channels at 1080p Search Mode Time/Date, Alarm, MD and Exact Search (accurate to one second) Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom Backup Mode Dimensions 1.5U, 440.0 mm x 413.30 mm x 76.0 mm (17.30 in. x 16.30 in. x 2.99 in.) Net Weight 4.70 kg (10.40 lb), without HDD Gross Weight Installation Rack-mounted Certifications CE Safety UL 60950-1 CAN/CSA C22.2 No.60960-1 Electromagnetic Compatibility FCC Part 15 Subpart B	Alarm Input		Storage Conditions	-20° C to +70° C (-4° F to +158° F), 0 to 90% RH	
Playback and Backup Sync Playback 1/4/9/16 Net Weight 4.70 kg (10.40 lb), without HDD NVR Video Output Four (4) Channels at 4K or 16 Channels at 1080p Search Mode Time/Date, Alarm, MD and Exact Search (accurate to one second) Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Mode Dimensions Net Weight 4.70 kg (10.40 lb), without HDD Gross Weight Installation Rack-mounted Certifications CE EN55032, EN55024, EN50130-4, EN60950-1 CAN/CSA C22.2 No.60960-1 Electromagnetic Compatibility FCC Part 15 Subpart B	Relay Output		Construction		
NVR Video Output Four (4) Channels at 4K or 16 Channels at 1080p Search Mode Time/Date, Alarm, MD and Exact Search (accurate to one second) Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Mode Backup Mode Gross Weight Installation Rack-mounted Certifications CE EN55032, EN55024, EN50130-4, EN60950-1 CAN/CSA C22.2 No.60960-1 Electromagnetic Compatibility FCC Part 15 Subpart B			Dimensions		
Search Mode Time/Date, Alarm, MD and Exact Search (accurate to one second) Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom Backup Mode Time/Date, Alarm, MD and Exact Search (accurate to one second) Certifications CE EN55032, EN55024, EN50130-4, EN60950-1 CAN/CSA C22.2 No.60960-1 Electromagnetic Compatibility FCC Part 15 Subpart B	Sync Playback	1/4/9/16	Net Weight	4.70 kg (10.40 lb), without HDD	
Search Mode Time/Date, Alarm, MD and Exact Search (accurate to one second) Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom Backup Mode Time/Date, Alarm, MD and Exact Search (accurate to one second) Certifications CE EN55032, EN55024, EN50130-4, EN60950-1 CAN/CSA C22.2 No.60960-1 Electromagnetic Compatibility FCC Part 15 Subpart B	NVR Video Output		Gross Weight	6.84 kg (15.10 lb)	
Playback Function Play Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Mode USB Device, Network, eSATA Device Certifications CE EN55032, EN55024, EN50130-4, EN60950-1 CAN/CSA C22.2 No.60960-1 Electromagnetic Compatibility FCC Part 15 Subpart B	Search Mode	Time/Date, Alarm, MD and Exact Search (accurate to	Installation	Rack-mounted	
Playback Function Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom Backup Mode USB Device, Network, eSATA Device Safety CE EN55032, EN55024, EN50130-4, EN60950-1 CAN/CSA C22.2 No.60960-1 Electromagnetic Compatibility FCC Part 15 Subpart B		Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera,	Certifications		
Backup Mode USB Device, Network, eSATA Device USB Device, Network, eSATA Device Electromagnetic Compatibility FCC Part 15 Subpart B			CE		
Backup Mode USB Device, Network, eSATA Device Electromagnetic Compatibility FCC Part 15 Subpart B	Dealess May I		Safety		
	васкир моде	usb Device, Network, esATA Device		,	

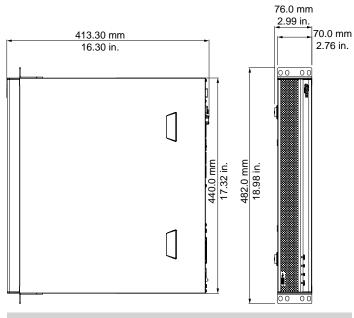
Intelligence

IVS triggers an alarm and takes a defined action for the following events: • Tampering with the camera. • Camera loses or changes focus drastically. Standard Features • Error writing to an onboard Micro SD card. • Error sending or receiving data over the network. • Unauthorized access to the camera. **Premium Features** Motion An object moves through any part of the scene. Tripwire A target crosses a user-defined line. A target enters or exits a defined perimeter. Intrusion A person or object moves the camera to change the scene Scene Change or covers the camera to obscure the scene. Abandoned/Missing A target leaves an object in designated area, or a target Object removes an object from the same designated area. **Advanced Features** Detects and captures a snapshot of a human face in a **Facial Detection** defined area within a scene. Measure the number of customers, visitors or passengers **People Counting** in a surveillance scene. Heat Map Generates a visual representation of data.

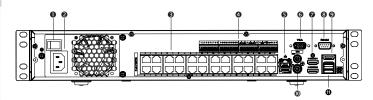
Ordering Information

Туре	Part Number	Description	
24-channel NVR	N54A4P	24-channel 1.5U 24 PoE 4K H.265 Network Video Recorder	
	N54A4P1	24-channel 1.5U 24 PoE 4K H.265 Network Video Recorder, 1 TB	
	N54A4P2	24-channel 1.5U 24 PoE 4K H.265 Network Video Recorder, 2 TB	
	N54A4P3	24-channel 1.5U 24 PoE 4K H.265 Network Video Recorder, 3 TB	
	N54A4P4	24-channel 1.5U 24 PoE 4K H.265 Network Video Recorder, 4 TB	
	N54A4P6	24-channel 1.5U 24 PoE 4K H.265 Network Video Recorder, 6 TB	

Dimensions (mm/in.)



Rear Panel



1	On/Off Button	7	HDMI Output (x2)
2	Power Input	8	RS232 Port
3	PoE Ports (x24)	9	eSATA Port
4	Alarm Input/Output and RS485 Connection (use A/B ports)	10	Audio Input/Output
5	Ethernet Port (1000 Mbps)	11	USB 3.0 Port (x2)
6	VGA Output		

