2310120205

DS-7732NI-I4/24 Network Video Recorder

Network Video Recorder



- H.265+/H.265/H.264+/H.264 video formats
- Up to 32-ch IP camera inputs
- Up to 2-ch @12 MP/16-ch @1080p decoding capacity
- Up to 320 Mbps incoming bandwidth

H.264

Description

The DS-7732NI-I4/24 Network Video Recorder has Dual-OS design to ensure high-reliability as well as ANR technology to enhance the storage reliability when the network is disconnected. It is connectable to third-party network cameras and up to 32 IP cameras can be connected recording up to 8 MP resolution. Live view, storage, and playback of the connected camera are supported up to 8 MP resolution.

The network video recorder has H.265+ compression which effectively reduces storage space by up to 75% and its dual-stream recording also saves bandwidth. It provides independent HDMI and VGA outputs and HDMI video output at up to 4K resolution.

It provides centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, and upgrade.

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Smart functions include support for multiple VCA (Video Content Analytics) events, configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.), heat map, ANPR, and people counting. The POS information overlay is on live view and playback, and the recorder features a POS triggered recording and alarm.

Additionally, the network video recorder features smart search for the selected area in the video and smart playback to improve the playback efficiency. HDD quote and group modes are supported with the ability for different capacities to be assigned to different channels.

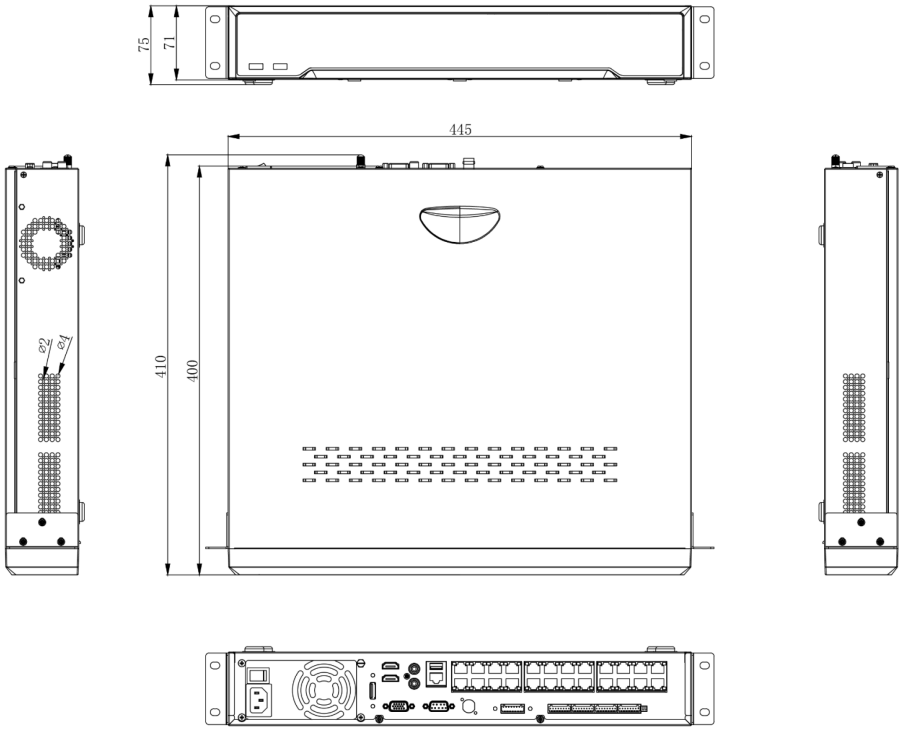
Technical Dimensions

www.zenitel.com info@zenitel.com Last revision date: 2023-09-21 14:15

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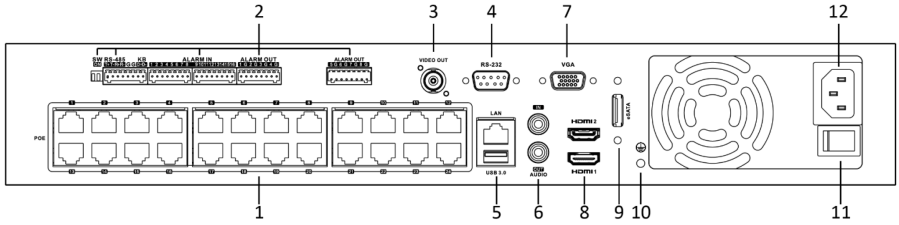
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Dimension



scale/1:1;Unit/mm

Physical Interface



No.	Description	No.	Description
1	Network Interfaces with PoE function	7	VGA Output
2	SW Terminal Switch, RS-485, Keyboard Controller, Alarm In/Out (16/8 is optional)	8	HDMI1 and HDMI2 Interfaces
3	CVBS Video Output	9	eSATA Interface
4	RS-232 Serial Interface	10	GND
5	USB 3.0 Interface and LAN Interface	11	Power Switch
6	Audio In/Audio Out	12	100 to 240 VAC Power Supply

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Specifications

VIDEO / AUDIO

IP video input:	32-ch, up to 32 MP resolution *: After ultra HD resolution mode is enabled, the NVR supports up to 4-ch 32 MP/24 MP IP video inputs.
Bandwidth:	Incoming: 320 Mbps / Outgoing: 256 Mbps
HDMI1 output:	4K (3840 × 2160) / 60Hz, 4K (3840 × 2160) / 30Hz, 1920 × 1080 / 60Hz, 1600 × 1200 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz, 1024 × 768 / 60Hz
HDMI2 output:	1920 × 1080p / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz, 1024 × 768 / 60Hz
VGA output:	1920 × 1080 / 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 input:	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)

DECODING

Decoding format	H.265+/H.265/H.264+/H.264/MPEG4
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 *: After ultra HD resolution mode is enabled, the NVR supports up to 4-ch 32 MP/24 MP IP video inputs.
Synchronous playback	16-ch
Capability	2-ch@12 MP (20 fps) / 4-ch@8 MP (30 fps) / 8-ch@4 MP (30 fps) / 16-ch@1080p (30 fps)
Audio compression	G.711ulaw / G.711alaw / G.722 / G.726

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NETWORK	
Remote connections	128
Network protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network Interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface

AUXILIARY INTERFACE	
Serial port	1 RS-485 (half-duplex), 1 RS-232
SATA	4 SATA interfaces
Capacity	Up to 10 TB capacity for each disk
eSATA	1 eSATA interface
Alarm in/out	16/4 (16/8 optional)
USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0

POE	
Interface	24, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤210W
Supported standard	IEEE 802.3 af/at

GENERAL	
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption (w/o HDD and PoE off)	≤ 20 W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	10% to 90%
Dimension (W × D × H)	445 × 400 × 75 mm
Weight (without HDD)	≤ 5 kg

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HARD DISC DRIVES	
2310120062	CE-NVR-WD20PURZ HDD 2TB, 3,5" SATA 24/7
2310120063	CE-NVR-WD40PURZ HDD 4TB, 3,5" SATA 24/7
2310120064	CE-NVR-WD60PURZ HDD 6TB, 3,5" SATA 24/7
2310120065	CE-NVR-WD80PURZ HDD 8TB, 3,5" SATA 24/7

Accessories



DS-1005KI

USB joystick and keyboard

Item Number: 2310120101



CE-NVR-WD20PURZ HDD 2TB

2TB, 3,5" SATA 24/7 HDD Drive

Item Number: 2310120062



CE-NVR-WD40PURZ HDD 4TB

4TB, 3,5" SATA 24/7 HDD Drive

Item Number: 2310120063



CE-NVR-WD80PURZ HDD 8TB

8TB, 3,5" SATA 24/7 HDD Drive

Item Number: 2310120065

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