zenitel

DATASHEET



2310120204

CE-NVR-16/4POE 2x2TB

Network video recorder, 16 ch. 16 PoE ports incl. 2x2TB HDD

- H.265+/H.265/H.264+/H.264 video formats
- 16-channel Network Video Recorder
- Built-in 16 port PoE switch enables a simple and cost-effective installation
- Up to 160/256 Mbps incoming bandwidth
- Including 2x2TB HDD (2 free HDD slots)

Description

This is our CE-NVR-16/4PoE including 2x2TB HDD (4TB total)

The Network Video Recorder (NVR) offers the following features:

Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Dual-stream recording saves bandwidth
- Adopt stream over TLS encryption technology which provides more secure stream transmission service
- Support double verification for playback and downloading

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 4K resolution

Storage and Playback

- Up to 4 SATA interfaces for HDD connection
- 16-ch synchronous playback

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Smart POS Function

- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.), heat map, ANPR, andpeople counting
- POS information overlay on live view and playback, and POS triggered recording and alarm

Network Ethernet Access

- 16 independent PoE network interfaces
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in

Various Applications

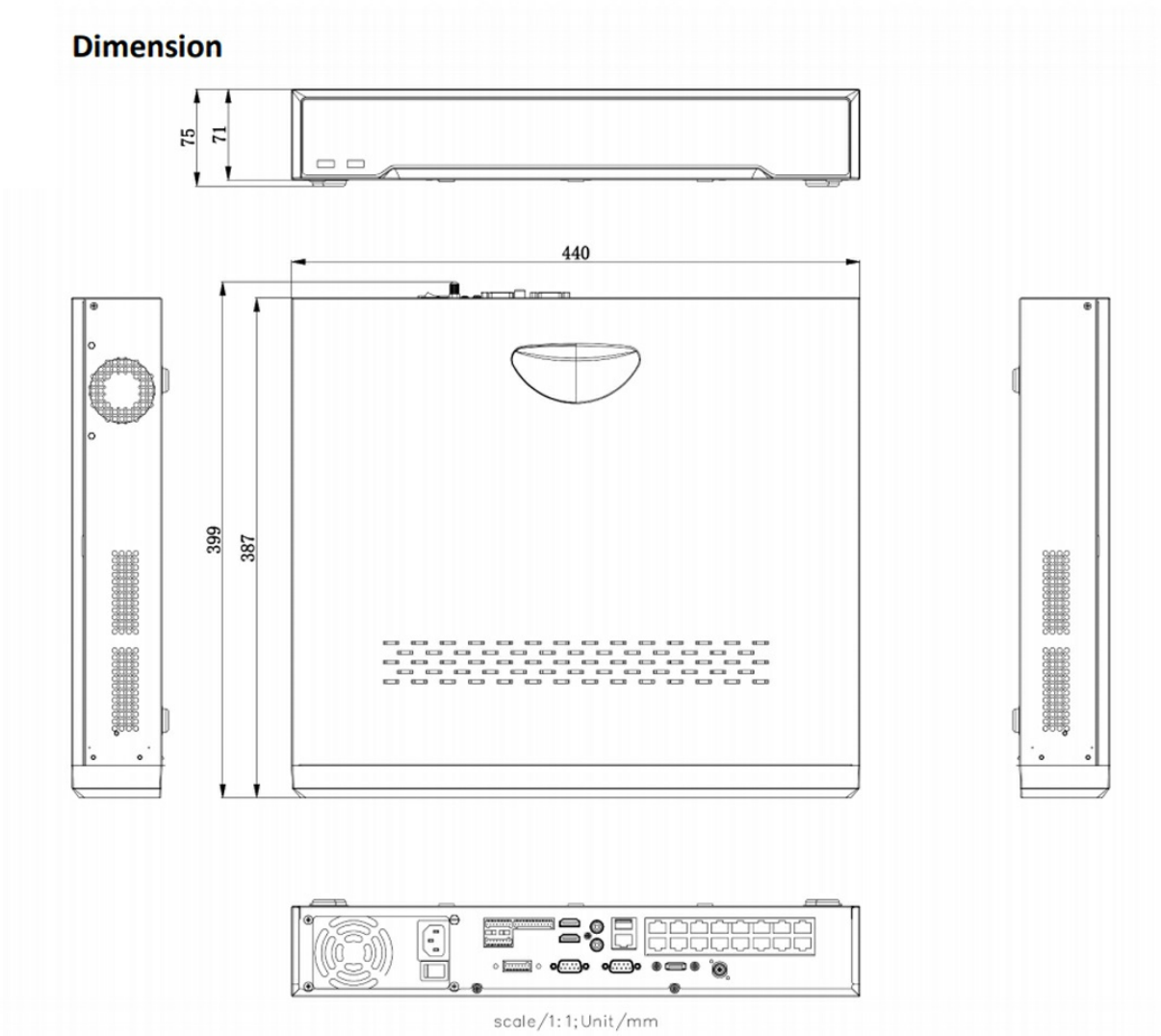
- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from VINGTOR - STENTOFON with recording, playback, and backing up of VCA alarms
- VCA detection alarm is supported
- Instant playback for assigned channel during multi-channel display mode
- Smart search for the selected area in the video; and smart playback toimprove the playback efficiency
- Supports HDD quota and group modes; different capacity can be assigned to different channels

Technical Dimensions

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Dimension



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Specifications

VIDEO / AUDIO INPUT	
IP video input:	16-ch, Up to 12 MP resolution
Two-way audio input:	1-ch, RCA (2.0 Vp-p, 1kΩ)

NETWORK	
Incoming bandwidth	160Mbps
Outgoing bandwidth	256 Mbps
Remote connection	128

VIDEO / AUDIO OUTPUT	
Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/ 4CIF/DCIF/ 2CIF/CIF/QCIF
HDMI output resolution	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA output resolution	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio output	1-ch, RCA (Linear, 1 KΩ)

DECODING	
Decoding format	H.265/H.264/MPEG4
Live view / Playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/ 4CIF/DCIF/ 2CIF/CIF/QCIF
Synchronous playback	16-ch
Capability	4-ch @ 4K, or 16-ch @ 1080p

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HARD DISC

SATA	4 SATA interfaces for 4HDDs
eSATA (optional)	1 eSATA interface
Capacity	Up to 8TB capacity for each HDD

EXTERNAL INTERFACE

Network Interface:	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Serial Interface:	1 RS-485 (half-duplex), 1 RS-232
USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm in/out	16/4

POE INTERFACE (FOR /P NVR ONLY)

Interface	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
Power	≤200W
Supported standard	IEEE 802.3 af/at

GENERAL

Power supply	100 to 240 VAC
Power	≤300 W
Consumption (without hard disk)	≤20 W (without enabling PoE)
Working temperature	-10 to +55ºC (14 to 131ºF)
Working humidity	10 to 90 %
Chassis	19-inch rack-mounted 1.5U chassis
Dimensions(W × D × H)	445 × 390 ×70 mm (17.5"× 15.3" × 2.8")
Weight(without hard disk)	≤ 5 Kg (11 lb)

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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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