zenitel

DATASHEET



2310120202

CE-NVR-32/16

Network video recorder, 32 ch. 16HDD slots

- 32-ch Network Video Recorder
- Dual-OS design for redundancy
- Slots for up to 16 HDDs
- Supports 4K resolution

Description

- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected
- HDD hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable
- Either Normal or Hot Spare working mode is configurable to constitute an N+1 hot spare system
  HD Input
- H.265/H.264+/H.264/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 64 IP cameras can be connected
- Recording at up to 12 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 12 MP resolution
  HD Output
- HDMI1/VGA1 and HDMI2/VGA2 outputs provided
- HDMI1 Video output at up to 4K (3840 × 2160) resolution
  HD Storage
- Up to 16 SATA interfaces and 1 eSATA interface connectable for recording and backup

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- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

HD Transmission

- 2 self-adaptive 10M/100M/1000M network interfaces, and two working modes are configurable: multi-address and network fault tolerance

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 and the recording, playing back, and backing up of VCA alarms can be realized
- 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 to improve the playback efficiency
- Supports HDD quota and group modes; different capacity can be assigned to different channels

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Specifications

VIDEO / AUDIO INPUT	
IP video input:	16-ch, Up to 12 MP resolution
Incoming bandwidth	320 Mbps
Outgoing bandwidth	256 Mbps, or 200 Mbps (when RAID is enabled

VIDEO / AUDIO OUTPUT	
VGA1 / HDM1 output resolution	HDMI1: 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 HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA2 / HDMI2 output resolution	VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	2-ch, RCA (Linear, 1 K Ω)

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DECODING

Decoding format	H.265/H.264+/H.264/MPEG4
Recording 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

HARD DISK

SATA	16 SATA interfaces
eSATA	1 eSATA interface
Capacity	500GB/1TB/2TB/3TB/4TB/5TB/6TB

DISK ARRAY

Array type	RAID0, RAID1, RAID5, RAID6, RAID10

VCA

VCA events	IPC uploading supported

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EXTERNAL INTERFACE

Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Serial interface	RS-232; RS-485; Keyboard
USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm in/out	16/8

GENERAL

Power supply	100 to 240 VAC, 50 to 60 Hz
Max. Power	300 W
Consumption (without hard disk)	≤ 45 W
Working temperature	-10 to +55° C (14 to 131° F)
Working humidity	10 to 90 %
Chassis	19-inch rack-mounted 3U chassis
Dimensions (W × D × H)	445 × 496 × 146 mm (17.5 × 19.5 × 5.7")
Weight (without hard disk)	≤ 12.5 Kg (27.6 lb)

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HARDDISK	
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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