zenitel

DATASHEET

2310120203

CE-NVR-128/16

Network video recorder, 128 ch. 16HDD slots



Description

- Pluggable HDD design provides a convenient HDD installation and maintenance way; Unique chassis based on patented design ensures environmental friendly and low-noise running.
- Adopt professional embedded hardware and software, and pioneering dual-OS design to ensure the reliability of system running.
- Support redundant power supply to improve the system stability.
- Adopts ANR technology to enhance the storage reliability when the network disconnected.
- Supports HDD hot swap with RAID0, RAID1, RAID5, RAID 6, and RAID10 storage scheme configurable.
- Either normal or hot spare working mode is configurable to constitute an N+1 hot spare system
  HD Input

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- Connectable to the third-party network cameras like ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, PSIA, SAMSUNG, SANYO, SONY, Vivotek and ZAVIO.
- Up to 128 IP cameras can be connected.
- Support live view, storage, and playback of the connected camera at up to 12 megapixels resolution
  HD Output
- Simultaneous HDMI 1/VGA output as the main output and the HDMI 2 works as the auxiliary output.
- Video outputs at up to 4K (4096×2160) resolution
- Supports decoding up to 20 channels at 1080p resolution.
  HD Storage
- Up to 16 SATA interfaces and 1 eSATA interface connectable for recording and backup
- **HD Transmission**
- 4 self-adaptive 10M/100M/1000M network interfaces
  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
- VCA search for face detection, behavior analysis, people counting and heat map
- Supports starting record with one key.
- Realize 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:	128-ch
Incoming/outgoing bandwidth	512Mbps/512Mbps
Incoming/outgoing bandwidth (RAID mode)	400Mbps/400Mbps
Protocol	VINGTOR-STENTOFON, ACTi, ARECONT, AXIS, BOSCH, BRICKCOM, CANON, HUNT, ONVIF (Version 2.5), PANASONIC, PELCO, PSIA, RTSP, SAMSUNG, SONY, VIVOTEK, ZAVIO

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VIDEO / AUDIO OUTPUT

HDMI output	Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160) /30Hz, 2K (2560 × 1440) /60Hz, 1080p (1920 × 1080) /60Hz, UXGA (1600 × 1200) /60Hz, SXGA (1280 × 1024) /60Hz, 720p (1280 × 720) /60Hz, XGA (1024 × 768) /60Hz
VGA output	1-ch. Resolution: 1080p (1920 × 1080) /60Hz, UXGA (1600 × 1200) /60Hz, SXGA (1280 × 1024) /60Hz, 720p (1280 × 720) /60Hz, XGA (1024 × 768) /60Hz
LCD output (optional)	One 7 inch LCD
Audio output	1-ch. RCA (2.0 Vp-p, 1 KΩ)

VIDEO & AUDIO DECODING

Video resolution	12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/ VGA/4CIF/DCIF/2CIF/C IF/QCIF
Synchronous playback	Up to 16 channels
Capability	20-ch @ 1080p

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HARD DISK

Interface	16 SATA interfaces supporting hot-plug
Capacity	1TB/2TB/3TB/4TB/5TB/ 6TB/8TB

RAID

Raid type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10

NETWORK MANAGEMENT

Protocol	IPv6, HTTPS, UPnP, SNMP, NTP, SADP, SMTP, NFS, iSCSI, PPPoE, DDNS
Network interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface

EXTERNAL INTERFACE

Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Serial port	1 RS-232, 1 RS-485, Keyboard
Serial interface	RS-232; RS-485; Keyboard
USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm input/output	16/8

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GENERAL

Power supply	100 to 240 VAC, 550W
Fan	Redundant dull ball bearing fan; Speed adjustable; Hot-plug
Consumption (without hard disk)	≤ 140W
Working temperature	0 °C to 50 °C (32 °F to 122 °F)
Working humidity	10 to 90 %
Chassis	19-inch rack-mounted 3U chassis
Dimensions (W × D × H)	442 × 494 × 146 mm (17.4 × 19.4 × 5.7 inch)
Weight (without hard disk)	≤16 kg (35.3 lb)

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

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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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