

2310120203

## CE-NVR-128/16

Network video recorder, 128 ch. 16HDD slots



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### 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
- ✓ 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

# 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

## VIDEO / AUDIO OUTPUT

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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
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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
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LCD output (optional)	One 7 inch LCD
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Audio output	1-ch. RCA (2.0 Vp-p, 1 KΩ)
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## VIDEO & AUDIO DECODING

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

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

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## RAID

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Raid type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
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## NETWORK MANAGEMENT

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

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## EXTERNAL INTERFACE

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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



DS-1005KI

USB joystick and keyboard



CE-NVR-WD20PURZ  
HDD 2TB

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



CE-NVR-WD40PURZ  
HDD 4TB

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



CE-NVR-WD80PURZ  
HDD 8TB

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