Network Video Recorder

NVR516-E-R Series



ONVIF | Ultra 265 | Raid | Redundant power supply | Hot swapping

Features

- Support Ultra 265/H.265/H.264 video formats
- 64/128-channel input
- Support 2-ch HDMI, 2-ch VGA, HDMI1 at up to 8K(7680x4320) resolution, HDMI2 at up to 4K(3840x2160) resolution
- VGA1 and HDMI1 simultaneous output, VGA2 and HDMI2 simultaneous output. VGA1/HDMI1 and VGA2/HDMI2 independent output
- Up to 32 Megapixels resolution recording
- Redundant power supply optional
- Support HDD hot swap with RAID 0, 1, 5, 6, 10, 50, 60 storage scheme configurable
- Support 12V power output
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade
- Support N+1 Hot spare

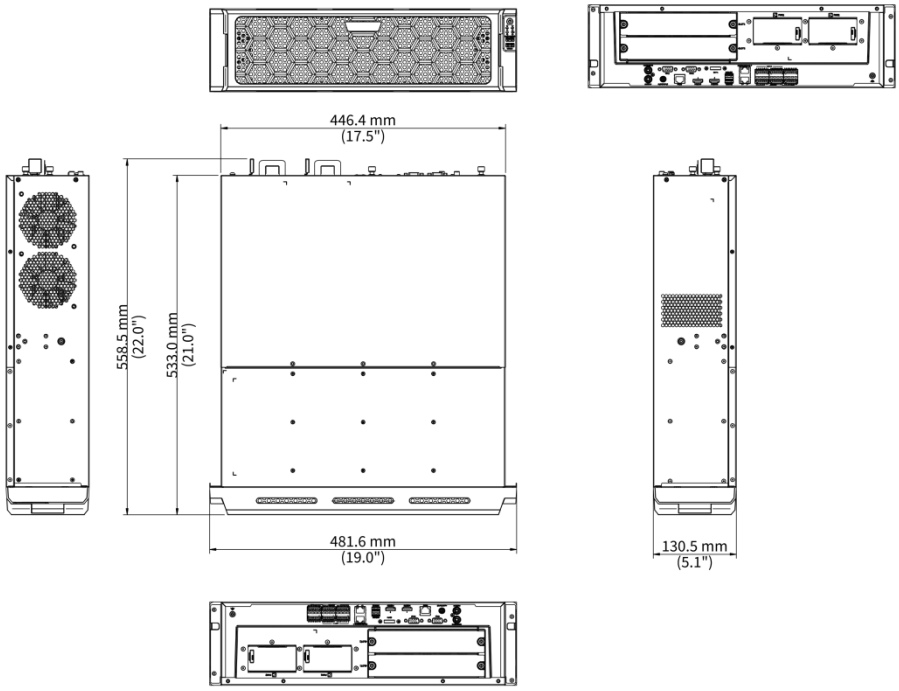
Specifications

Model	NVR516-64E-R	NVR516-128E-R
Decoding		
Decoding Format		Ultra 265, H.265, H.264
Decoding Capability		H264 : 2 x 32MP@30, 4 x 16MP@30, 6 x 12MP@30, 9 x 4K@30, 14 x 5MP@30, 18 x 4MP@30, 24 x 3MP@30, 36 x 1080P@30, 72 x 720P@30, 128 x D1 H265 : 3 x 32MP@30, 6 x 16MP@30, 8 x 12MP@30, 12 x 4K@30, 19 x 5MP@30, 24 x 4MP@30, 32 x 3MP@30, 48 x 1080P@30, 96 x 720P@30, 128 x D1
Decoding Capability Description		The resolution of each channel cannot exceed 8640 pixels in length or width| For VGA/HDMI independent output, the VGA live video is output by default. To output the highest resolution video from the HDMI port, please clear the VGA video on the preview page.
Audio Compression		G.711A, G.711U
Network		
Incoming Bandwidth		640Mbps
Outgoing Bandwidth		640Mbps
Remote Users		128
Protocols		TCP/IP|P2P| UPnP| NTP| DHCP| PPPoE| HTTP| HTTPS| DNS| DDNS| SNMP|SMTP|NFS|RTSP|802.1x| IPv6|IPv4
Browser (Plugin)		IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+
Video/Audio Input		
IP Video Input		128-ch
RCA Audio Input		1-ch
Video/Audio Output		
HDMI Output		HDMI1: 8K (7680 × 4320)/30 Hz, 4K (3840 2160)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz; HDMI2: 4K (3840 × 2160)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA Output		1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
RCA Audio Output		2-ch
Liveview Display		1/4/6/8/9/16/25/36/64
Corridor Mode Screen		3/4/5/7/9/10/12/16/32

Two-way Audio		
Two-way Audio		1-ch, RCA (Using the audio input and output)
Snapshot		
FTP/Schedule/Event Snapshot		16-ch snapshot (max. 8 MP (3840 × 2160) video resolution, with 1080P snapshot resolution)
Recording		
Recording Resolution		32 MP/16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF
Synchronous Playback in Local		16-ch
Smart		
Smart by IPC		All channels (up to 32 images/s in total) Face Detection, Face Comparison, Vehicle Detection (LPR), Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
VCA Search		Face Snapshot Search|Face Comparison Search|Motor Vehicle Search|Non-Motor Vehicle Search|Human Body Search|General Search|People Counting Report|Heat Map
Alarm		
General Alarm		Defocus Detection|Scene Change Detection|Object Left Behind|Object Removed|Auto Tracking|Motion Detection|Tampering|Human Body Detection|Video Loss|Alarm Input|Audio Detection
Alert Alarm		IP Conflict|Network Disconnected|Disk Offline|Disk Abnormal|Illegal Access|Hard Disk Space Low|Hard Disk Full|Recording/Snapshot Abnormal
Hard Disk		
SATA		16 SATA Interfaces
Capacity		Up to 24 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size, The environment temperature for use should not exceed 40°C.)
Disk Group		Support
Redundant Storage		Support
Disk Array Type		RAID 0, 1, 5, 6, 10, 50, 60
Hot Swap		Support
External Interface		
Network Interface		2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface

USB		Front panel: 2 × USB2.0|Rear panel: 2 × USB3.0
RS485		1
RS232		1
Alarm In		16-ch
Alarm Out		10-ch
Power Output		12 V
Power Supply		AC 100 to 240 V
Power Switch		Support
Redundant Power Supply		Support
Working Environment		
Working Temperature		-10 ℃ to 55 ℃ (14 ℉ to 131 ℉)
Working Humidity		≤ 90% RH (non-condensing)
Power Consumption (without HDD)		≤ 50W
Dimensions		
Weight (without HDD)		≤ 6.5Kg (14.3lb)
Height		3U
Dimensions		482mm × 533mm × 131mm (19.0"×21.0"×5.1")
Certification		
Certification		CE; FCC; UL; RoHS; WEEE
CE		EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035
FCC		Part15 Subpart B
GUI Language		
GUI Language		38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian

Dimensions



Accessories

FB-HD04-B-NB

4-ch HDMI Output Decoding Card



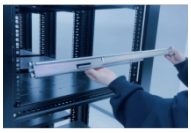
FB-HD07-B-NB

7-ch HDMI Output Decoding Card



SL-A

Slide Rail

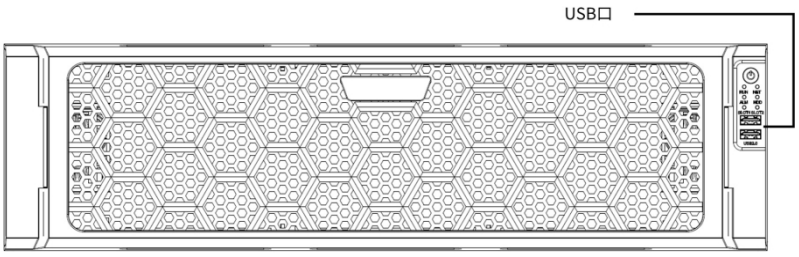


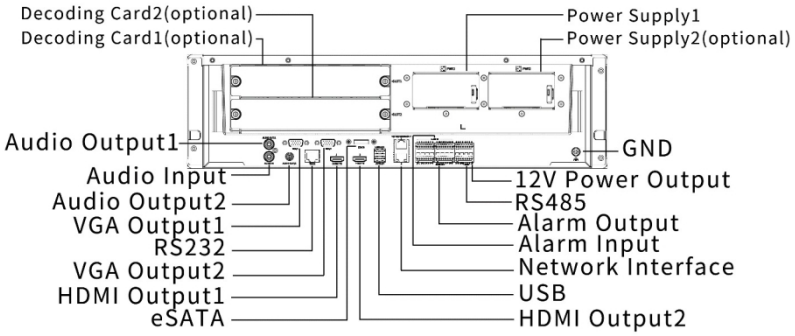
PWR-DC12-350A-IN

350W Power Accessories Module



Rear Panel





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