

Network Video Recorder

NVR516-IN Series



Key Features

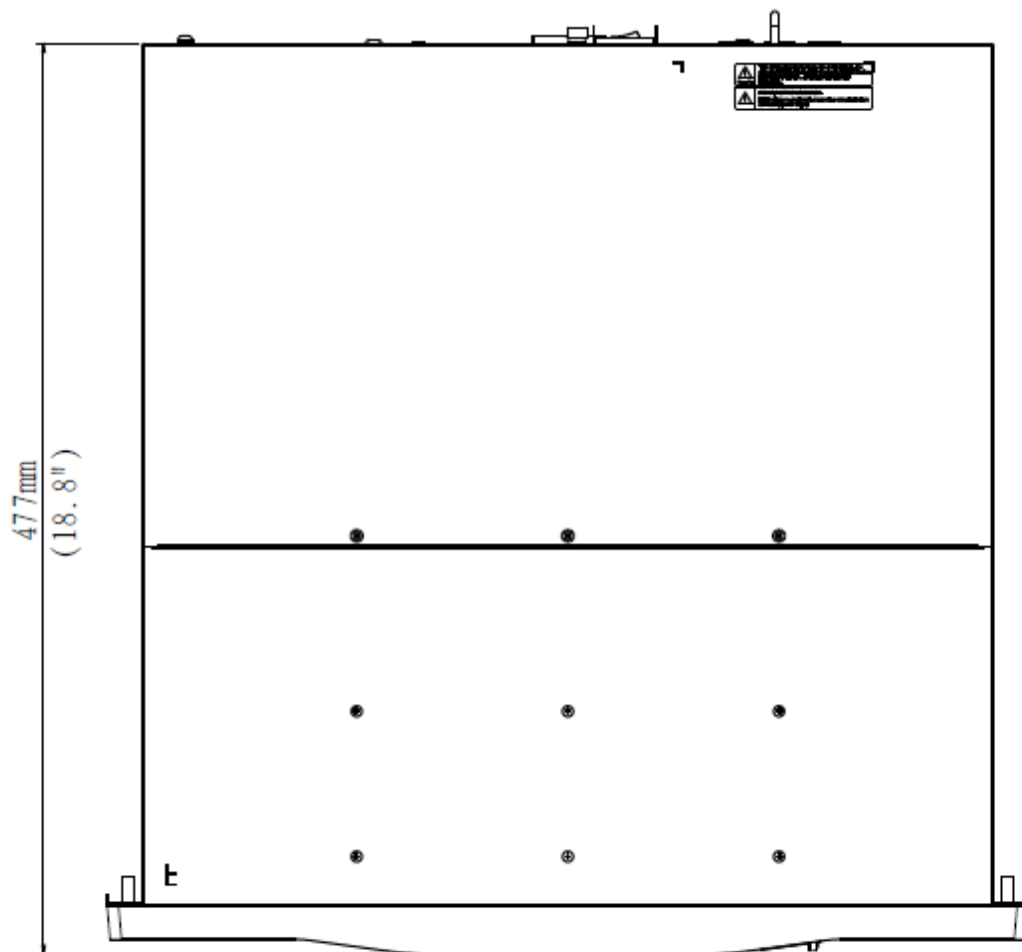
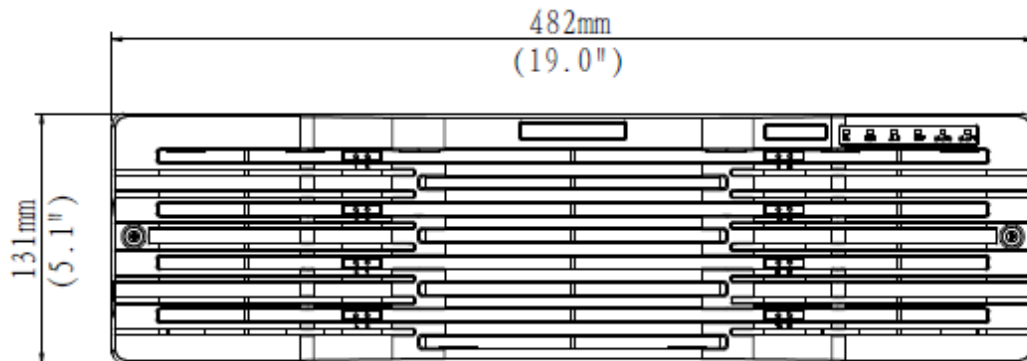
- Support Ultra 265/H.265/H.264 video formats (Configurable)
- 64/128-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S/Profile G/Profile T, SDK, API, Tools, Library
- Support 2-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- HDMI1, HDMI2 and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- Redundant power supply optional
- 2 decoding cards optional, up to 12-ch HDMI
- Support HDD hot swap with RAID 0, 1, 5, 6, 10, 50, 60 storage scheme configurable
- 16 SATA HDDs, up to 10TB for each HDD
- Support 2 miniSAS Interfaces
- Support 12V power output
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade
- Pre-Loaded VMS License (IP Video Input)
- Support Third party VMS/CMS integration with all functions
- Support N+1 Hot spare

Specifications

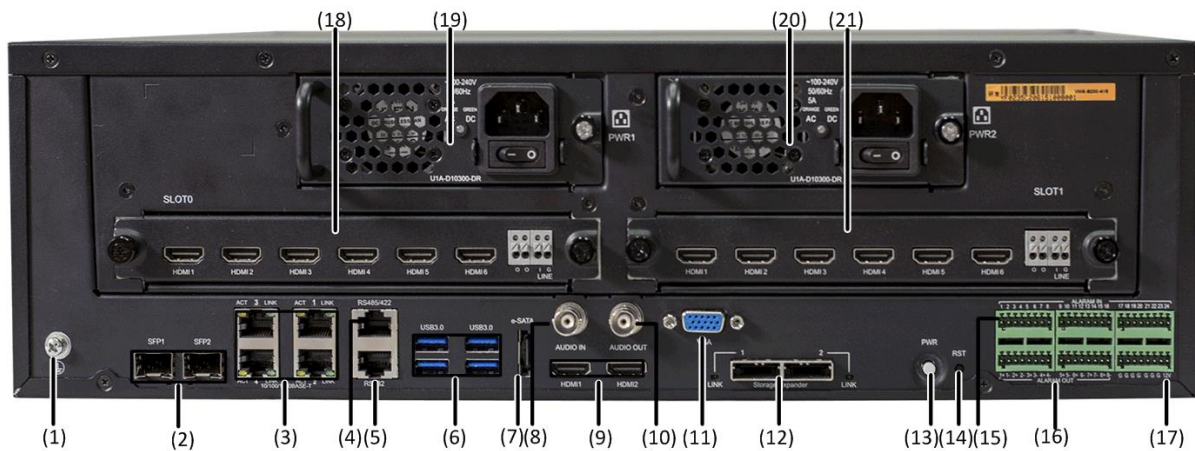
Model	NVR516-64IN	NVR516-128IN
Video/Audio Input		
IP Video Input	64-ch	128-ch
Two-way Audio Input	1-ch, BNC	
Network		
Incoming Bandwidth	384Mbps	512Mbps
Outgoing Bandwidth	384Mbps	
Remote Users	128	
Protocols	P2P, IPv4/IPv6, TCP/IP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DHCP, NTP, SMTP, SNMP, UPnP, NFS, PPPoE	
Compatible Integration	Profile S/Profile G/Profile T, SDK, API, Tools, Library	
Client	EZStation EZView EZLive IOS, Android (Smart Phone)	
Web Browser & Monitoring	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below	
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+	
Video/Audio Output		
HDMI/VGA Output	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI1/HDMI2 (HDMI audio output is not supported): 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Audio Output	1-ch, BNC	
Synchronous Playback	16-ch	
Video Playback Speed	1x, 2x, 4x, 8x, 16x	
Corridor Mode Screen	3/4/5/7/9/10/12/16/32	
Decoding		
Decoding format	Ultra 265, H.265, H.264	
Display/Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Recording Capability	4 x 12MP@20, 4 x 4K@30, 16 x 1080p@30, 36 x 720p@30, 64 x D1	
Video Streaming	Dual Steaming (Main Stream & Sub Stream)	
Hard Disk		
SATA	16 SATA interfaces	
Capacity	up to 10TB for each HDD	
HDD Type	Surveillance & Enterprise Grade HDD Supported	
eSATA	1 eSATA interface	
miniSAS	2 miniSAS ports	
Video footage Backup speed	Fast and Easy	
Smart		
VCA Detection	Face detection, Motion Detection, Intrusion detection, Cross line detection, Audio detection, Defocus	

	detection, Scene change detection, Auto tracking
VCA Search	Face search, Behavior search
Statistical Analysis	People counting
Disk Array	
Array Type	RAID 0, 1, 5, 6, 10, 50, 60
Processor & OS	
Processor	Intel quad core processor
Operating System	Embedded Linux Kernel
Media Security	AES 256-Bit, TLS Encryption, RTSP Encryption, HTTPS Encryption
Audio	
Audio Compression	G.711
External Interface	
Network Interface	4 RJ-45 10M/100M/1000M adaptive Ethernet Interface 2 1000M SFP Ethernet Interface
Serial Interface	1 x RS232, 1 x RS485
USB Interface	Rear panel: 4 x USB3.0
Alarm In	24-ch
Alarm Out	8-ch
Decoding Card (optional)	2 slots (4-ch HDMI or 6-ch HDMI outputs per card)
Power Output	12V
Certifications	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
General	
Power Supply	100 ~ 240V AC Power Consumption: ≤ 50 W (without HDD)
Working Environment	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
Chassis	19-inch rack-mounted 3U chassis
Dimensions	482mm × 477mm × 131mm (18.8" × 19.0" × 5.1")
Weight (without HDD)	≤ 10 Kg (22.05 lb)

Dimensions



Rear Panel



NVR516

(1) GND	(2) SFP Interface	(3) Adaptive Interface
(4) RS485	(5) RS232	(6) USB
(7) eSATA	(8) Audio Input	(9) HDMI Output
(10) Audio Output	(11) VGA Output	(12) miniSAS
(13) Power Button	(14) RST	(15) Alarm Input
(16) Alarm Output	(17) 12V DC Output	(18) Decoding Card 1 (optional)
(19) Power Supply 1	(20) Power Supply 2(optional)	(21) Decoding Card 2 (optional)

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* Product specifications and availability are subject to change without notice.