

Network Video Recorder

NVR516 Series



Key Features

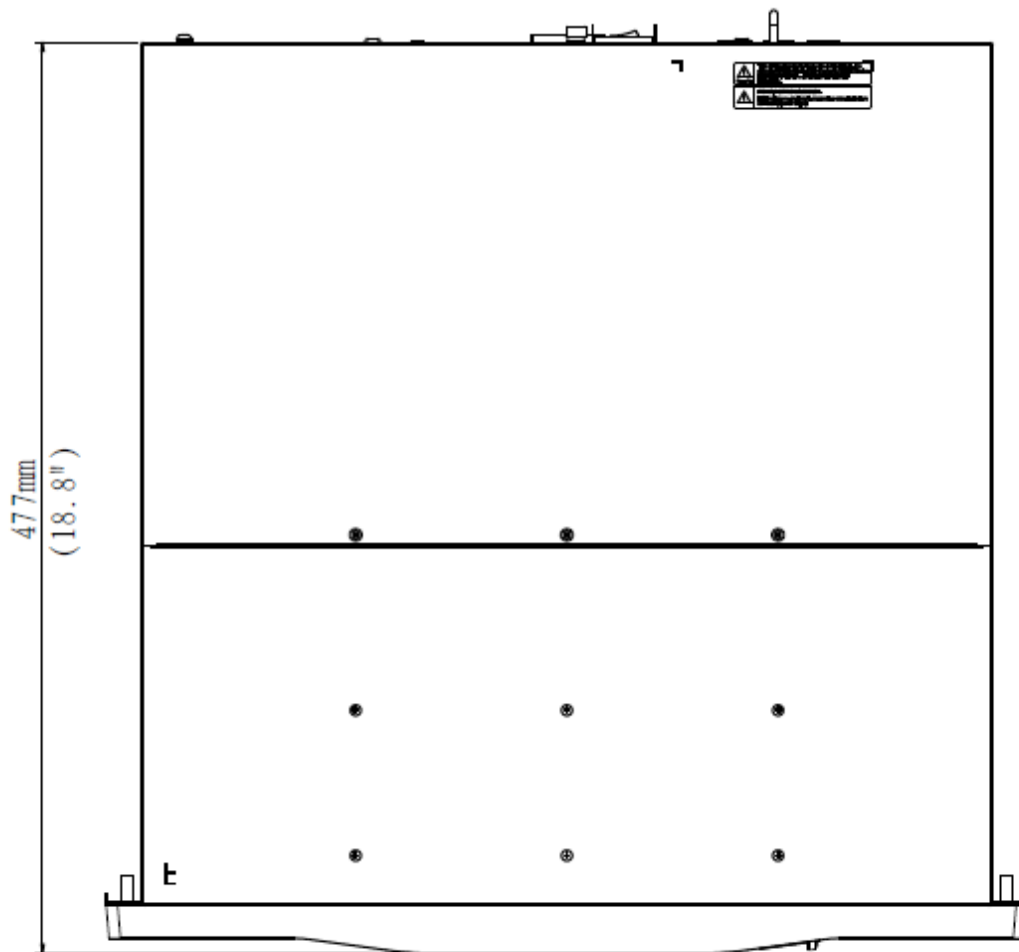
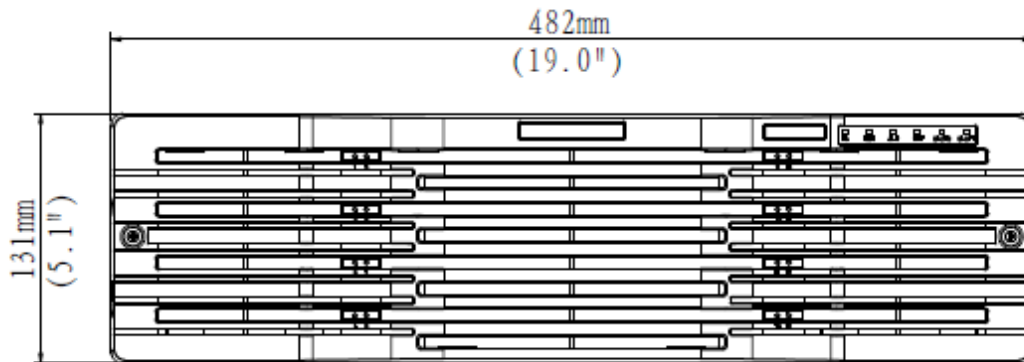
- 64/128-channel input
- Third-party IP camera supported with ONVIF conformance
- Support 2-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- Up to 12 Megapixels resolution recording
- Support H.265/H.264 video formats
- Redundant power supply
- accurate retrieval, instant playback
- 2 decoding cards optional, up to 12HDMI
- Support RAID1, RAID5
- 16 SATA HDDs, Up to 8TB for each HDD
- Support various VCA detection alarm and VCA search
- Support N+1 Hot space
- Support 2 miniSAS Interfaces
- Support 12V Power output
- Support P2P, UPnP, NTP, DHCP, PPPoE
- Support mobile client access

Specifications

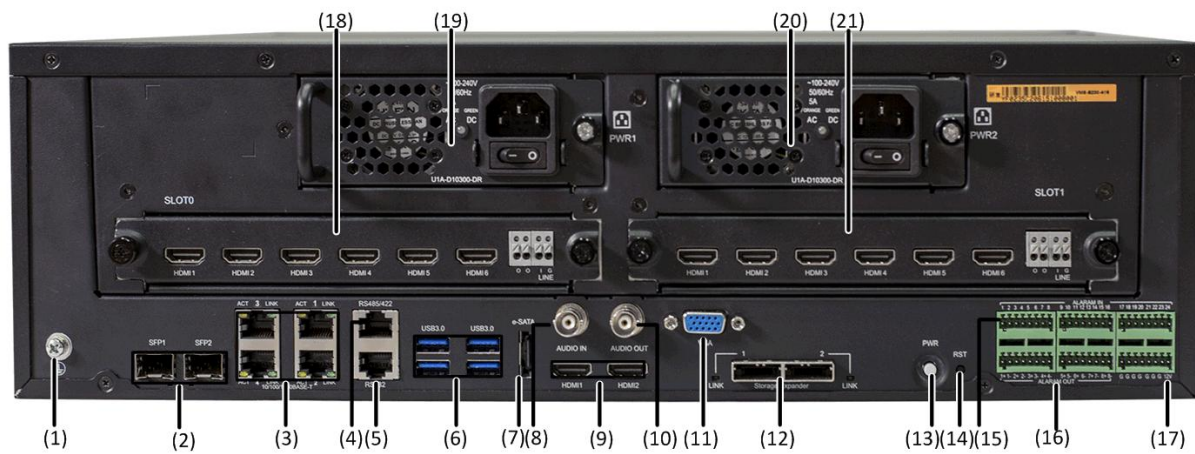
	NVR516-64	NVR516-128
Video/Audio Input		
IP Video Input	64-ch	128-ch
Two-way Audio Input	1-ch, RCA	
Network		
Incoming bandwidth	384Mbps	512Mbps
Outgoing bandwidth	384Mbps	
Remote connection	128	
Video/Audio Output		
HDMI/VGA Output	VGA: 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz HDMI1: 4K (3840x2160) /60Hz, 4K (3840x2160) /30Hz, 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz HDMI2: 4K (3840x2160) /60Hz, 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, RCA	
Synchronous Playback	16-ch	
Decoding		
Compression	H.265/H.264	
Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Capability	4 x 12MP@20, 4 x 4K@30, 16 x 1080p@30, 36 x 720p@30, 64 x D1	
Hard Disk		
SATA	16 SATA interfaces	
Capacity	up to 8TB for each HDD	
miniSAS	2 miniSAS ports	
Disk array		
Array type	RAID1,RAID5	
Number of array	8	
External Interface		
Network Interface	4 RJ-45 10M/100M/1000M adaptive Ethernet Interface 2 1000M SFP Ethernet Interface	
Network Function	HTTP,HTTPS,UPnP, RTSP,RTP, SMTP, NTP, DHCP, DNS,IP Filter, PPPoE, DDNS, FTP, IP Server, P2P	
Serial Interface	1 x RS-232, 1 x RS-485	
USB Interface	Rear panel: 4 x USB3.0	
Alarm In	24-ch	
Alarm Out	8-ch	
Decoding Card (optional)	2 slots (4 HDMI or 6 HDMI outputs per card)	
Power Output	12V	
General		

Power Supply 1	100 ~ 240V
Power Supply 2(optional)	Redundant power supply, 100 ~ 240V
Consumption (without HDD)	≤ 50 W
Working Temperature	-10°C ~ + 55°C (+14°F ~ +131°F)
Working Humidity	10% ~ 90%
Chassis	19-inch rack-mounted 3U chassis
Dimensions	131mm × 482mm ×477mm (5.1" × 19.0" × 18.8")
Weight (without HDD)	≤ 10 Kg (22.05 lb)

Dimensions



Rear Panel



NVR516

(1) GND	(2) SFP Interface	(3) Adaptive Interface
(4) RS-485	(5) RS-232	(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)