

# Network Video Recorder

## NVR516 Series



### Key Features

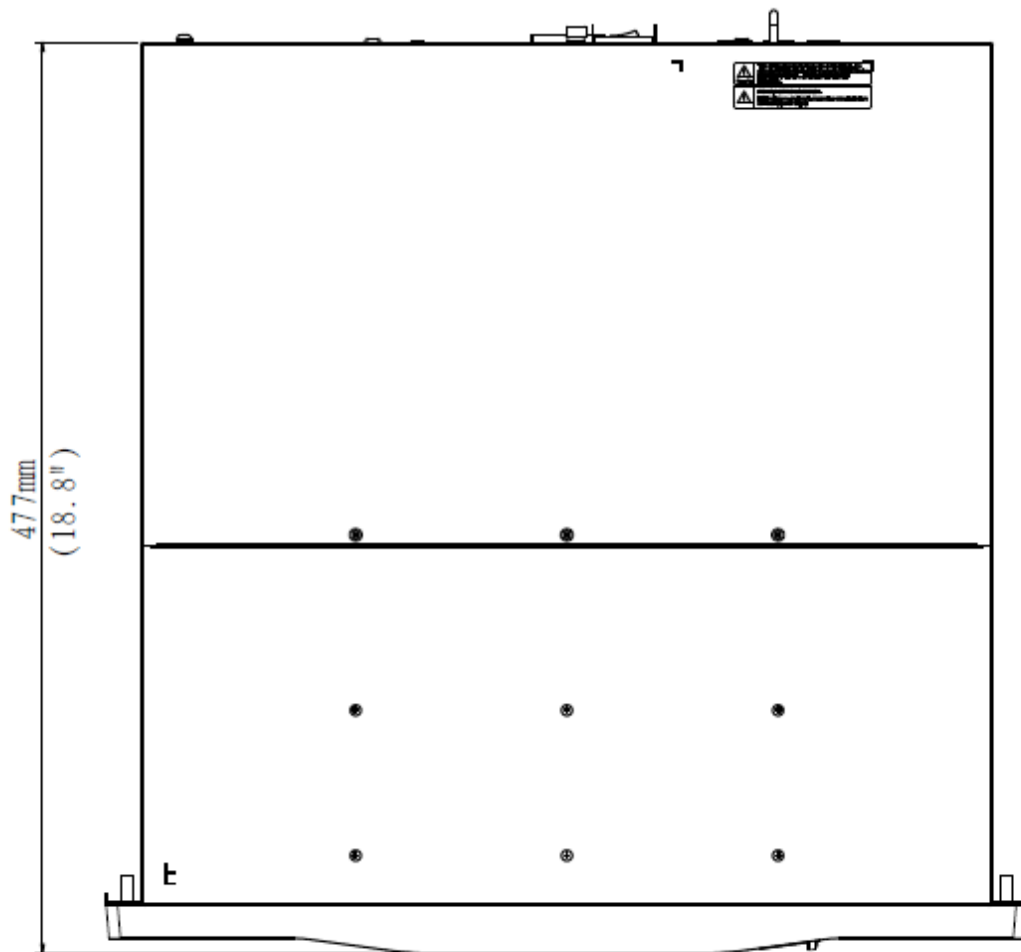
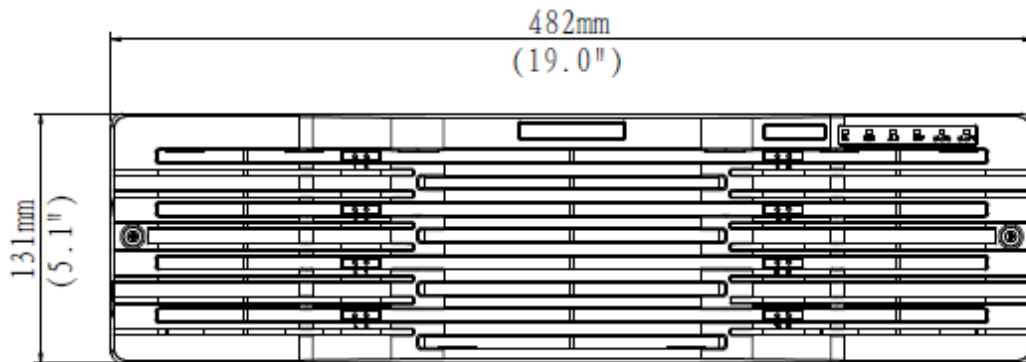
- 64/128-channel input
- Third-party IP camera supported with ONVIF conformance
- Support 2-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- Up to 12 Megapixels resolution recording
- Support H.265/H.264 video formats
- Redundant power supply
- accurate retrieval, instant playback
- 2 decoding cards optional, up to 12HDMI
- Support RAID1, RAID5
- 16 SATA HDD up to 96TB
- Support 2 miniSAS Interfaces
- Support 12V Power output
- Support P2P, UPnP, NTP, DHCP, PPPoE
- Support mobile client access

## Specifications

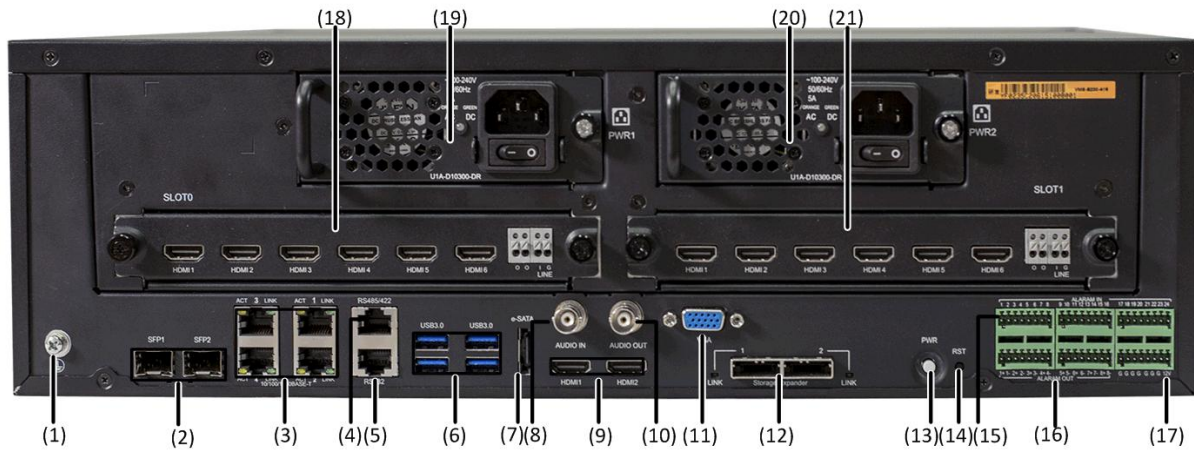
	NVR516-64	NVR516-128
<b>Video and Audio</b>		
IP Video Input	64-ch	128-ch
Two-way audio Input	1-ch, RCA	
<b>Network</b>		
Incoming bandwidth	384Mbps	512Mbps
Outgoing bandwidth	384Mbps	
Remote connection	128	
<b>Video/Audio Output</b>		
HDMI/VGA Output	VGA: 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /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	
<b>Decoding</b>		
Compression	H.265/H.264	
Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Capability	4 x 4K@30, 16 x 1080p@30, 36 x 720p@30, 64 x D1	
<b>Hard Disk</b>		
SATA	16 SATA interfaces	
Capacity	up to 6TB for each disk	
miniSAS	2 miniSAS ports	
<b>Disk array</b>		
Array type	RAID1,RAID5	
Number of array	8	
<b>External Interface</b>		
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	
<b>General</b>		

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-232	(5) RS-485	(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.