

Network Video Recorder

NVR316-R-BP Series



Key Features

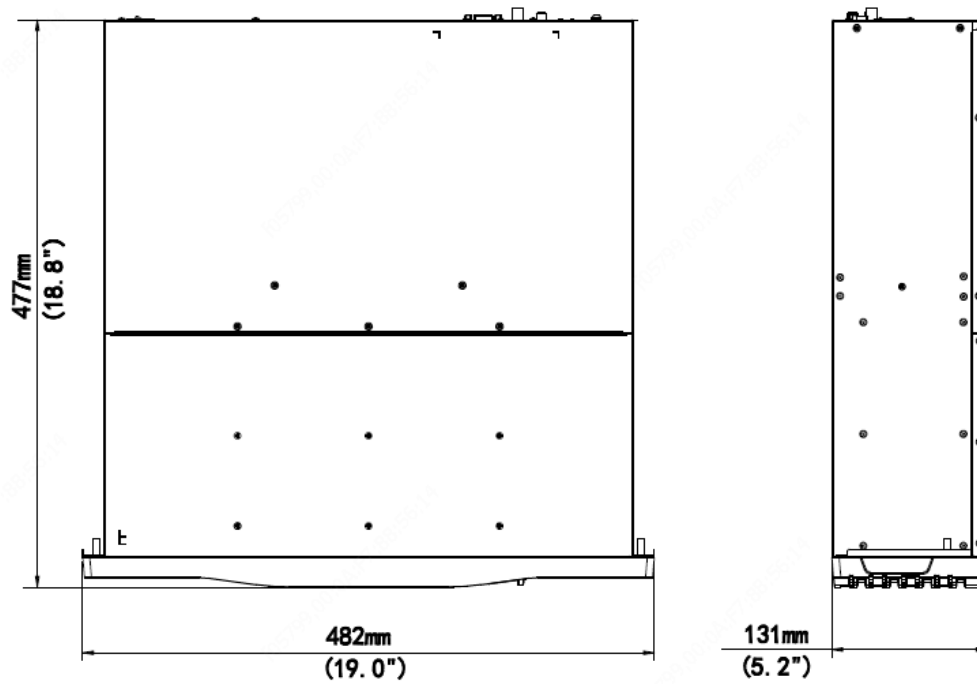
- Support Ultra 265/H.265/ H.264 Video formats (Configurable)
- 32/64-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T, SDK, API, Tools, Library
- Support 2-ch HDMI, 1-ch VGA, HDMI2 at up to 4K(3840x2160) resolution
- HDMI1/VGA and HDMI2 independent outputs provided
- Up to 12 Megapixels resolution recording
- 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
- Various fisheye dewarping modes for live view and playback for both web interface and GUI
- Support N+1 Hot spare
- ANR technology to enhance the storage reliability when the network is disconnected
- Pre-Loaded VMS License (IP Video Input)
- Support Third party VMS/CMS integration with all functions
- Support cloud upgrade

Specifications

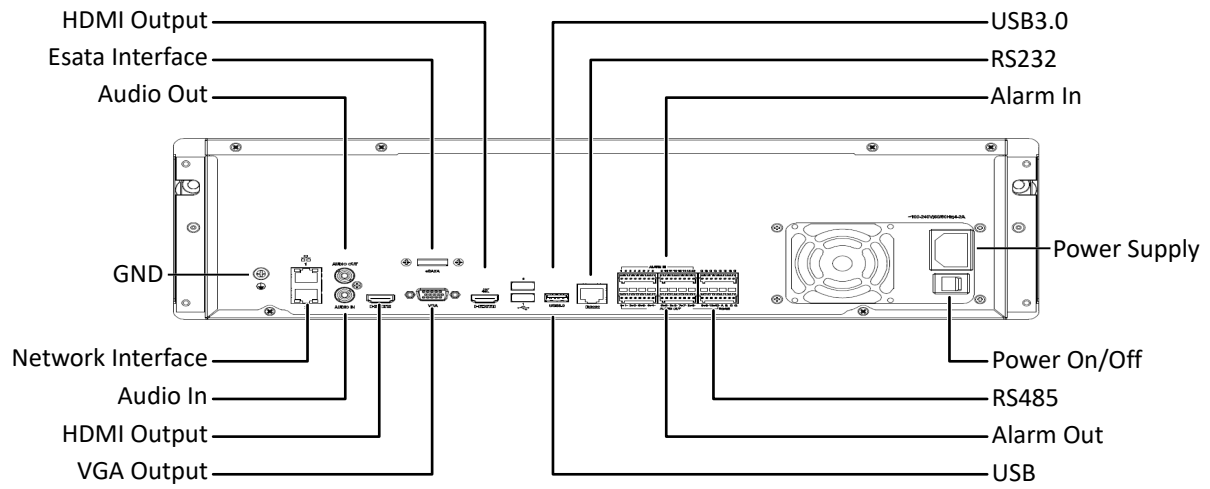
Model	NVR316-32R-BP	NVR316-64R-BP
Video/Audio Input		
IP Video Input	32-ch	64-ch
Two-way Audio Input	1-ch, RCA	
Network		
Incoming Bandwidth	320Mbps	
Outgoing Bandwidth	320Mbps	
Remote Users	128	
Protocols	P2P, IPv4/IPv6, TCP/IP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DHCP, NTP, SMTP, SNMP, UPnP, NFS, PPPoE	
Compatible Integration	ONVIF 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	HDMI1/VGA: 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	
Video Playback Speed	1x, 2x, 4x, 8x, 16x	
Corridor Mode Screen	3/4/5/7/9/10/12/16	
Decoding		
Decoding format	Ultra H.265, H.265, H.264 (Configurable)	
Display/Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/960H/D1/2CIF/CIF	
Recording Capability	3 x 12MP@25, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30, 32 x 960P@25, 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 Grade	
eSATA	1 eSATA interface	
Video footage Backup speed	Fast and Easy	
Disk Array		
Array Type	RAID 0, 1, 5, 6, 10, 50, 60	
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
Processor & OS	
Processor	Hisilicon 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	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
Serial Interface	1 x RS232, 1 x RS485
USB Interface	Rear panel: 2 x USB2.0, 1 x USB3.0
Alarm In	16-ch
Alarm Out	10-ch
Certifications	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
General	
Power Supply	100~240 VAC Power Consumption: ≤ 23 W(without HDD)
Working Environment	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	482mm ×477mm ×131mm (18. 8" × 19.06"×5.2")
Weight (without HDD)	≤ 8.19 Kg (18.1 lb)

Dimensions



Rear Panel



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