NIHON SHENZHEN ZHONGXI SECURITY CO., LTD.

NVR31xxE1S3-Px

POE Network Video Recorder

Key Features

- Support Ultra 265/H.265/H.264 video formats
- 4/8/16-channel input
- Plug & Play with 4/8 independent PoE network interfaces
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 1-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- HDMI and VGA simultaneous output
- Up to 4K resolution recording
- 1 SATA HDDs, up to 8 TB
- Support cloud upgrade

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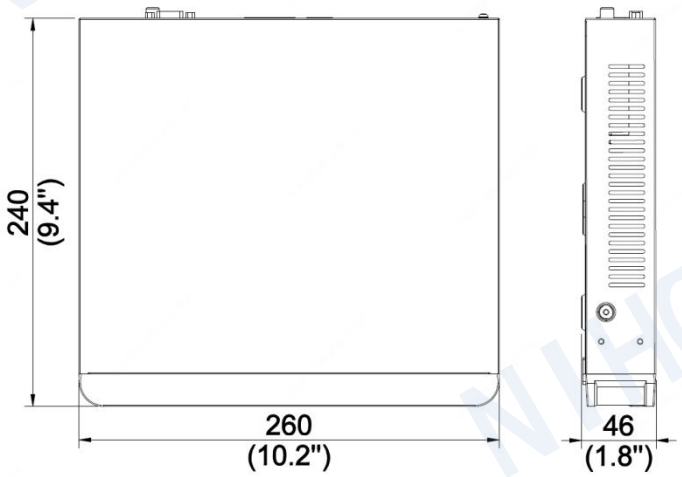
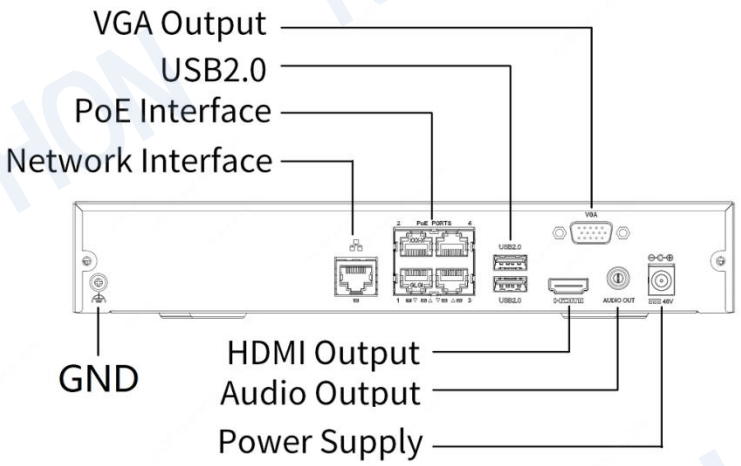
Specifications

Model	NVR3104E1S3-P4	NVR3116E1S3-P8
Video/Audio Input		
IP Video Input	4-ch	16-ch
Network		
Incoming Bandwidth	64Mbps	
Outgoing Bandwidth	48Mbps	
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP, RTSP	
Video/Audio Output		
HDMI/VGA Output	HDMI: 4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA: 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
Recording Resolution	4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Audio Output	1-ch, RCA	
Audio Compression	G.711A, G.711U	
Synchronous Playback	4-ch	16-ch
Liveview display	1/4	1/4/6/8/9/16
Corridor Mode Screen	3/4	3/4/5/7/9/10/12/16
Snapshot		
FTP/Schedule/Event Snapshot	1-ch snapshot, up to D1 resolution	
Decoding		
Decoding format	Ultra 265/H.265/H.264	
Live view/Playback	4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Capability	1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 4 x 1080p@30	1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 4 x 1080p@30, 8 x 720p@30, 16 x D1
Hard Disk		
SATA	1 SATA interfaces	
Capacity	Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature)	
Smart		
VCA Detection by Camera	Face Detection, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Audio Detection	
VCA Search	Face Search, Behavior Search	
Smart Intrusion Prevention (SIP) by Camera	4-ch(supports channel 1-4; Alarm only, no image)	
Face Detection by Camera	4-ch	
General Alarm		

General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Alarm Input	
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal	
External Interface		
Network Interface	1 RJ-45 10M/100Mself-adaptive Ethernet Interface	
USB Interface	Rear panel: 2 x USB2.0	
RS232	NA	
RS485	NA	
Alarm In	NA	
Alarm Out	NA	
PoE		
Interface	4 RJ-45 10M/100Mself-adaptive Ethernet Interface	8 RJ-45 10M/100Mself-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 54W in total	Max 30W for single port Max 75W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af	
General		
Power Supply	48V DC Power Consumption: ≤9 W (without HDD)	52V DC Power Consumption: ≤9 W (without HDD)
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)	
Dimensions (W×D×H)	260mm ×240mm × 46 mm (10.2" × 9.4" ×1.8")	
Weight (without HDD)	≤1.1kg (2.43lb)	

Dimensions



Rear Panel

Take **NVR3104E1S3-P4** for example