ZN-NVR3200-P8 Series



1.1 Order Info

ZN-NVR3208-JS , ZN-NVR3208-P8/JS , ZN-NVR3216-JS , ZN-NVR3216-P8JS , ZN-NVR3224-JS , ZN-NVR3224-P8/JS

1.2 Application Scene

ZN-NVR3200-P8 series can be connected to HD network camera, and is suitable for general security video surveillance in shops, enterprises, homes, education, and finance and etc.

1.3 Product Features

- Support up to 200 meters power supply and data transmission
- Support access to IPC that comply with ONVIF,RTSP standards and many mainstream vendors
- Support VGA, HDMI synchronous output, HDMI output resolution up to 4K, VGA output resolution up to 1920*1080
- Support H.265 video decoding, support access to H.265 and H.264 IPC
- Support one-click to add a network camera
- Support up to 8MP IPC living, recording and playback
- Support access bandwidth up to 100Mbps, support up to 24 channels living and recording
- Support up to 8 IPC direct connection POE interface

- Support up to 16 channels synchronous playback
- Support intelligent analysis, some models support 1ch face detection or 1ch perimeter detection, and then it can realize retrieval and video playback based on face data or perimeter events
- Support 2 SATA, and the capability of HDD is unlimited
- Support HDD S.M.A.R.T technology, and support bad track skipping, greatly reduces data lose due to HDD failure
- Support upload snapshot and video backup to third-party cloud service, like Dropbox, Google Drive
- Built-in VSS cloud and P2P transfer service, achieve access by website, mobile application(VSS Mobile),
 PC client, support alarm push
- Support UPNP, SMTP, SSL email alarm

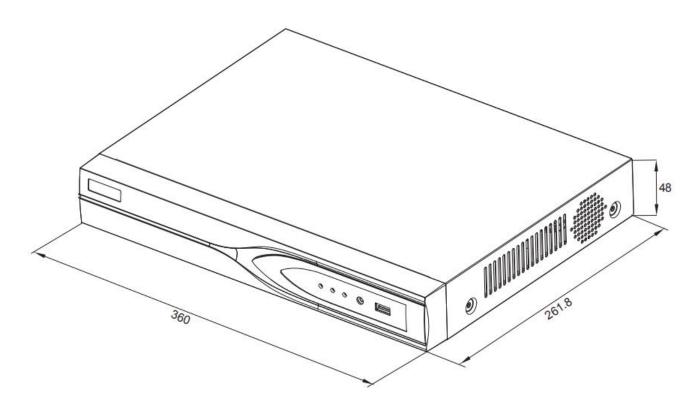
1.4 Specification Table

			NVF	3200-P8				
	W 1 1	ZN-NVR3208	ZN-NVR3208-	ZN-NVR3216	ZN-NVR3216-	ZN-NVR3224	ZN-NVR3224-	
Model		-JS	P8/JS	-JS	P8/JS	-JS	P8/JS	
	System	Embedded Linux						
Video /Audi o Input	Input Bandwidth	80Mbps		100Mbps		100Mbps		
	Output Bandwidth	80Mbps		80Mbps		80Mbps		
	IPC Input	8ch		16ch		24ch		
	Audio Input	1ch, RCA interface(Line in, 2Vpp, 300ohms), voice intercom						
	CVBS	1ch,BNC interface (1.0Vp-p,75ohms)						
Audio	VGA	1ch, 1920×1080, 1280×1024, 1280×720, 1024×768						
/Vide		1.4b						
o Outpu t	HDMI	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024 ×768				1920×1080, 1280× 1024, 1280×720, 1024× 768		
	Audio Output	1ch,RCA interface(Line out,2Vpp,300ohms)						
Audio /Vide	Audio Compression	G.711A 8Kbps(16bit)						
o Encod ing	Audio Bit Rate							
Audio	IP Channel	Main-Stream: up to 3840×2160						
/Vide	Resolution	Sub-Stream: up to D1						
0	Video	H.265 (Main Profile@Level5.0) /						

Audio Compression Multi-channe 1 Playback Max. Decode Capability	Up t	o 8ch	G. 711A, G	G711U, G726						
Multi-channe 1 Playback Max. Decode	Up t	o 8ch	G. 711A, 0	67110, 6720						
1 Playback Max. Decode	Up t	o 8ch		G. 711A, G711U, G726						
Max. Decode		Up to 8ch		Up to 16ch						
	8ch 720P@30FPS/									
Capability	4ch 1080P@30FPS/									
	1ch 4K@30FPS									
		ection or 1CH								
Intelligence Feature		Detection	N/A							
	Up to 1080P									
-	Two-way voice intercom function									
_										
	2									
	Unlimited									
Capacity		8ch		8ch		8ch				
	N/A		N/A		N/A	IEEE				
POE Interface						802. 3AT				
						RJ45				
		10M/100M		10M/100M		10M/100M				
Output Power	N/A	≪90W	N/A	≪90W	N/A	≤90W				
Network	1 RJ45;10M/100M/1000M Suitable Ethernet Port									
Interface										
USB	0.11000.0									
Interface	2 USB2. U									
Alarm Input	8ch		8ch		8ch					
Midim input			I/0							
Alarm Output	4	ch	4ch		4ch					
_										
	1, Half-duplex									
_	405x335x120mm									
Dimensions										
Weight		3Kg (Not		3Kg (Not		3Kg (Not				
		Include		Include		Include				
		HDD)		HDD)		HDD)				
Installation										
	$DC \pm 1.0V$	$DC \pm 49V$			$DC \pm 1.9V$	DC +48V				
	Interface Output Power Network Interface USB Interface Alarm Input Alarm Output RS-485 Packing Front Panel Dimensions	Two-way Voice Talk Motion Each Cha Detection Snapshot SATA Max. Capacity POE Interface USB Interface USB Interface USB Interface USB Interface R1arm Input RS-485 Packing Front Panel Dimensions 2.3Kg (Not Include HDD) installation	Two-way Voice TalkTwo WeightNotionEach Channel Support 3MotionEach Channel Support 3DetectionImage: Colspan="2">Image: Colspan="2">Two Wax.SapshotImage: Colspan="2">Image: Colspan="2" Image: Colspa	Two-way Voice TalkTwo-way voice iWotionEach Channel Support 396 (22×18)DetectionSensiSnapshotSupport JFSATAMax.Max.UnliCapacitySupport JFPOESATAMax.UnliPOEN/ASchPOEN/ASchPOEN/ASchPOEN/ASchPOEN/ASchPOEN/ASchPOEN/ASchPOEN/ASchPOEN/ASchPOEN/ASchPOEN/ASchPOEN/ASchPOEN/ASchPOEN/ASchInterface2UUnterface2UUseSchSchInterface2UInterface2UInterfaceSch1Alarm InputSchSchInterfaceIU	Two-way Voice TalkTwo-way voice intercom functMotionEach Channel Support 396 (22×18) Detection Are SensitivityDetectionSupport JPEG SnapshotSarpshotSupport JPEG SnapshotSATA2Max. Capacity8chPOE Interface8chN/A8chRJ45 10M/100MN/A802.3AT RJ45 10M/100MN/A802.3AT RJ45 10M/100MN/ASupport Support JPEG SnapshotN/A8chBach Relay8chInterface1EEE RJ45 10M/100MUsb Network InterfaceN/ASupport JPEG SnapshotN/ASechRelay Network Interface8chRelay NO/NC RS-485SchRs-485 PackingJSPront PanelJSDimensionsJSSupport Support JPEG SnapshotStatlation3Kg (Not Include HDD)InstallationDesktop Installation	Two-way Voice TalkTwo-way voice intercom functionMotion DetectionEach Channel Support 396 (22×18) Detection Area; Support Mu SensitivitySnapshotSupport JPEG SnapshotSATA2Max. CapacityRitePOE InterfaceN/ASch IEEE 802, 3AT 10M/100MPOE Nuput PowerN/ASch 10M/100MNuput Power USBN/ASegowNotwork InterfaceI RJ45;10M/100M/100MN/ASug Usg2 USB2.0InterfaceSch 1/0Name InterfaceSch 1RS-485Sch 1RS-485I. Haff-duplex 3Kg (Not Include HDD)WeightC. 3Kg (Not Include HDD)WeightC. 3Kg (Not Include HDD)Suble Store InstallationJ. SDimensionsIU, 360x262x48mmWeightC. 3Kg (Not Include HDD)Suble Store Installation				

rical		3.3A	1.875A(POE)	3.3A	1.875A(POE)	3.3A	1.875A(POE)	
Perfo	Working	-10°C+55°C						
rmanc	Temperature	-10 C+35 C						
е	Working	10%90%						
	Humidity							
	Consumption	6W (Not Include HDD, without POE)						

1.5 Dimensions



1.6 Product Interface Diagram

