

Network Video Recorders

8/9/16/32/64-Channel, PoE & No PoE, 4K NVRs



Overview

With SATA 3.5" HDD interfaces, network video recorders (NVRs) can record videos from connected cameras, and the storage can be expanded by adding or replacing the hard disk. A variety of monitoring methods, including a web browser, monitoring software and mobile App, are available to manage your cameras and NVRs easily.

Featuring power-over-ethernet (PoE) ports, PoE NVRs can transfer power and video signal to cameras through a single network cable, ideal for retails, banks, education institutions, hotels and other applications.

Benefits

- Up to 8/9/16/32/64 Channels
- PoE & No PoE
- H.265, H.264, MJPEG
- Supports Third-party Cameras
- Up to 4K HD Live View, Storage and Playback

Technical Specification

PoE Network Video Recorders

NVR202-8C-8P		NVR202-16C-16P		NVR204-32C-16P			
Video / Audio Input							
IP Video Input		8-ch		16-ch		32-ch	
Two-way Audio Input		1-ch, RCA		1-ch, RCA		1-ch, RCA	
Video / Audio Output							
HDMI Output		4K (3840x2160) @ 30fps, 1920x1080 @ 60fps, 1920x1080 @ 50fps, 1600x1200 @ 60fps, 1280x1024 @ 60fps, 1280x720 @ 60fps, 1024x768 @ 60fps					
VGA Output		1920x1080 @ 60fps, 1920x1080 @ 50fps, 1280x1024 @ 60fps, 1280x720 @ 60fps, 1024x768 @ 60fps					
Recording Resolution		8MP/ 6MP/ 5MP/ 4MP/ 3MP/ 1080p/ 960p/ 720p/ D1/ 2CIF/ CIF					
Audio Output		1-ch, RCA					
Synchronous Playback		8-ch		16-ch		32-ch	
Corridor Mode Screen		3/4/5/7/9		3/4/5/7/9/10/12/16		3/4/5/7/9/10/12/16/32	
Network							
Incoming Bandwidth		160Mbps					
Outgoing Bandwidth		64Mbps					
Remote Users		128					
Protocols		P2P, UPnP, NTP, DHCP, PPPoE					
Compatible Integration		ONVIF® Profile S Specification at onvif.org					
Decoding							
Decoding Format		H.265, H.264, MJPEG					
Capability		2x 4K @ 30fps, 4x 4MP @ 30fps, 5x 3MP @ 30fps, 8x 1080P @ 30fps		2x 4K @ 30fps, 4x 4MP @ 30fps, 5x 3MP @ 30fps, 8x 1080P @ 30fps, 16x 720P @ 30fps		2x 4K @ 30fps, 4x 4MP @ 30,fps 5x 3MP @ 30fps, 8x 1080P @ 30fps, 16x 720P @ 30fps, 32x D1 @ 30fps	
Live View/Playback		8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF					
Hard Disk							
SATA Interface		2		2		4	
Capacity		Up to 10TB for each HDD					
Smart							
VCA Detection		Face Detection, Intrusion Detection, Cross Line Detection, Audio Detection, Defocus Detection, Scene Change Detection, Auto Tracking, Object Left Behind, Object Removed					
VCA Search		Face Search, Behavior Search					
Statistical Analysis		People Counting					
External Interface							
Network Interface		1x RJ-45, 10M/100M/1000M self-adaptive Ethernet Interface					

Technical Specification

PoE Network Video Recorders

NVR202-8C-8P		NVR202-16C-16P		NVR204-32C-16P	
External Interface					
Serial Interface		--		1x RS485	
USB Interface		Front Panel: 1x USB2.0, Rear Panel: 1x USB3.0			
Alarm In		4-ch		16-ch	
Alarm Out		1-ch		4-ch	
PoE					
Interface		8x RJ-45, 10M/100M self-adaptive Ethernet Interface		16x RJ-45 10M/100M self-adaptive Ethernet Interface	
Max Power for Single Port		30W		30W	
Max Power in Total		130W		240W	
Supported Standard		IEEE 802.3af/at			
General					
Power Supply		100 to 240V AC			
Power Consumption (without HDD)		≤ 10W		≤ 15W	
Dimensions (Hx Wx D)		2.1"x 14.9"x 12.4" (53x 380x 315mm)		2.9"x 15.7"x 14.2" (74x 400x 362mm)	
Weight		≤5.29lb (2.6kg)		≤11lb (5kg)	
Operating Temperature		14° F to 131° F (-10° C to 55° C)			
Operating Humidity		≤ 90% RH (Non-condensing)			
Warranty		2 Years			

*ONVIF is a trademark of ONVIF, Inc.

Ordering Information

ID	Description
#129260	NVR202-8C-8P, 8-Channel 8-Port PoE Network Video Recorder, Record 8CH 4K@30fps, Live View/Playback 2CH 4K@30fps, Supports up to 2x 10TB Hard Drive (Not Included)
#129261	NVR202-8C-8P, 8-Channel 8-Port PoE Network Video Recorder, Record 8CH 4K@30fps, Live View/Playback 2CH 4K@30fps, Pre-Installed 2TB Hard Drive
#129262	NVR202-8C-8P, 8-Channel 8-Port PoE Network Video Recorder, Record 8CH 4K@30fps, Live View/Playback 2CH 4K@30fps, Pre-Installed 4TB Hard Drive
#129263	NVR202-16C-16P, 16-Channel 16-Port PoE Network Video Recorder, Record 16CH 4K@30fps, Live View/Playback 2CH 4K@30fps, Supports up to 2x 10TB Hard Drive (Not Included)
#129264	NVR202-16C-16P, 16-Channel 16-Port PoE Network Video Recorder, Record 16CH 4K@30fps, Live View/Playback 2CH 4K@30fps, Pre-Installed 4TB Hard Drive
#129265	NVR204-32C-16P, 32-Channel 16-Port PoE Network Video Recorder, Record 32CH 4K@30fps, Live View/Playback 2CH 4K@30fps, Supports up to 4x 10TB Hard Drive (Not Included)
#129266	NVR204-32C-16P, 32-Channel 16-Port PoE Network Video Recorder, Record 32CH 4K@30fps, Live View/Playback 2CH 4K@30fps, Pre-installed 4TB Hard Drive

Technical Specification

No PoE Network Video Recorders

	NVR202-9C	NVR202-16C	NVR304-32C	NVR716-64C
Video / Audio Input				
IP Video Input	9-ch	16-ch	32-ch	64-ch
Two-way Audio Input	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, BNC
Video / Audio Output				
HDMI Output	4K (3840x2160) @ 30fps, 1920x1080 @ 60fps, 1920x1080 @ 50fps, 1600x1200 @ 60fps, 1280x1024 @ 60fps, 1280x720 @ 60fps, 1024x768 @ 60fps	4K (3840x2160) @ 30fps, 1920x1080 @ 60fps, 1920x1080 @ 50fps, 1600x1200 @ 60fps, 1280x1024 @ 60fps, 1280x720 @ 60fps, 1024x768 @ 60fps	4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	1920x1080 @ 60fps, 1920x1080 @ 50fps, 1280x1024 @ 60fps, 1280x720 @ 60fps, 1024x768 @ 60fps	1920x1080 @ 60fps, 1920x1080 @ 50fps, 1280x1024 @ 60fps, 1280x720 @ 60fps, 1024x768 @ 60fps	1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	8MP/ 6MP/ 5MP/ 4MP/ 3MP/ 1080p/ 960p/ 720p/ D1/ 2CIF/ CIF			12MP/8MP/6MP/5MP/4MP/3MP/ 1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, BNC
Synchronous Playback	6-ch	16-ch	16-ch	16-ch
Corridor Mode Screen	3/4/5/7/9	3/4/5/7/9/10/12/16	3/4/5/7/9/10/12/16/32	3/4/5/7/9/10/12/16/32
Network				
Incoming Bandwidth	160Mbps	160Mbps	384Mbps	384Mbps
Outgoing Bandwidth	64Mbps	160Mbps	384Mbps	384Mbps
Remote Users	128			
Protocols	P2P, UPnP, NTP, DHCP, PPPoE			
Compatible Integration	ONVIF® Profile S Specification at onvif.org			
Decoding				
Decoding Format	H.265, H.264, MJPEG			
Capability	2x 4K @ 30fps, 3x 5MP @ 30fps, 5x 3MP @ 30fps, 8x 1080P @ 30fps, 9x 1080p@25fps	2x 4K @ 30fps, 3x 5MP @ 30fps, 5x 3MP @ 30fps, 8x 1080P @ 30fps, 16x 720p@30fps	2x 12MP@30fps, 4x 4K@30fps, 8 x 4MP@30fps, 9x 4MP@25fps, 16x 1080p@30fps, 32x 960p@25fps	4x 12MP@20fps, 4x 4K@30fps, 16x 1080p@30fps, 36x 720p@30fps, 64x D1
Live View/Playback	8MP/6MP/5MP/4MP/3MP/ 1080p/960p/720p/D1/2CIF/CIF		12MP/8MP/6MP/5MP/4MP/3MP/ 1080p/960p/720p/D1/2CIF/CIF	

Technical Specification

No PoE Network Video Recorders

	NVR202-9C	NVR202-16C	NVR304-32C	NVR716-64C
Hard Disk				
SATA Interface	2	2	4	16
Capacity	up to 6TB for each HDD	up to 6TB for each HDD	Up to 10TB for each HDD	Up to 10TB for each HDD
eSATA	--	--	--	1
miniSAS	--	--	--	2
Smart				
VCA Detection	Face detection, Intrusion detection, Cross line detection, Audio detection, Defocus detection, Scene change detection, Auto tracking,Object Left Behind, Object Removed			Face 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			
External Interface				
Network Interface	2x RJ-45 10M/100M/1000M self-adaptive Ethernet Interface			4x RJ-45 10M/100M/1000M self-adaptive Ethernet Interface
Serial Interface	--	--	1 x RS485, 1 x RS232	1 x RS485, 1 x RS232
USB Interface	Front Panel: 1x USB2.0, Rear Panel: 1x USB3.0	Front Panel: 1x USB2.0, Rear Panel: 1x USB3.0	Front panel: 2 x USB2.0 Rear panel: 1 x USB3.0	Front panel: 4 x USB3.0
Alarm In	--	--	16-ch	24-ch
Alarm Out	--	--	4-ch	8-ch
Power Output	--	--	--	12V DC
Disk Array				
Array Type	--	--	RAID 1.5	RAID 0/1/5/6/10/50/60
General				
Power Supply	12V DC	12V DC	100 to 240V AC	100 to 240V AC
Power Consumption (without HDD)	≤ 15W	≤ 15W	≤ 25W	≤ 50W
Dimensions (Hx Wx D)	53x 380x 315mm (2.1"x 15.0"x 12.4")	53x 380x 315mm (2.1"x 15.0"x 12.4")	89"x 442x 426mm (3.5"x 17.4"x 16.8")	131x 482x 477mm (5.1"x 18.8"x 19.0")
Weight	≤ 2.16lb (0.98Kg)	≤ 2.16lb (0.98Kg)	≤ 12.57lb (5.7Kg)	≤ 22.05 lb (10 Kg)
Operating Temperature	14° F to 131° F (-10° C to 55° C)			
Operating Humidity	≤ 90% RH (Non-condensing)			
Warranty	2 Years			

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Ordering Information

ID	Description
#129267	NVR202-9C, 9-Channel Network Video Recorder, Record 9CH 4K@30fps, Live View/Playback 2CH 4K@30fps, Supports up to 2x 6TB Hard Drive (Not Included)
#129268	NVR202-9C, 9-Channel Network Video Recorder, Record 9CH 4K@30fps, Live View/Playback 2CH 4K@30fps, Pre-installed 2TB Hard Drive
#129269	NVR202-9C, 9-Channel Network Video Recorder, Record 9CH 4K@30fps, Live View/Playback 2CH 4K@30fps, Pre-installed 4TB Hard Drive
#129270	NVR202-16C, 16-Channel Network Video Recorder, Record 16CH 4K@30fps, Live View/Playback 2CH 4K@30fps, Supports up to 2x 6TB Hard Drive (Not Included)
#129271	NVR202-16C, 16-Channel Network Video Recorder, Record 16CH 4K@30fps, Live View/Playback 2CH 4K@30fps, Pre-installed 4TB Hard Drive
#129272	NVR304-32C, 32-Channel Network Video Recorder, Record 32CH 4K@30fps, Live View/Playback 4CH 4K@30fps, Supports up to 4x 10TB Hard Drive (Not Included)
#129273	NVR304-32C, 32-Channel Network Video Recorder, Record 32CH 4K@30fps, Live View/Playback 4CH 4K@30fps, Pre-installed 4TB Hard Drive
#138720	NVR716-64C, 64-Channel Network Video Recorder, Record 64CH 4K@30fps, Live View/Playback 4CH 4K@30fps, Supports up to 16x10TB Hard Drive (Not Included)