# **ZNR-220P**



# 16-Channel Desktop Standalone NVR with 16-port PoE Connectors 12MP

- 2-bay Desktop Standalone NVR
- Maximum Number of Video Devices: 16
- Built-in PoE Connectors (16 ports)
- Web Client
- Video export formats: MP4

# Specifications

### **Device**

Product Type	Standalone NVR
Maximum Resolution	12MP
Maximum Number of Video Devices	16
Maximum Number of Clients	Local: 1, Remote: 2

#### **Hardware**

CPU	Hi3536

### License

License required	No
Free License	16

# **Live View**

Local Live View performance	4ch (up to 20 fps at 12MP) 4ch (up to 30 fps at 4K 3840 x 2160) 8ch (up to 30 fps at 4MP) 16ch (up to 30 fps at 2MP 1920 x 1080)
Digital Zoom	Yes
Event Status	Display event status upon alarm or upon connection loss or recovery between server and client
Instant Playback	Instant Playback in live view window

**Storage** 

Storage Bay

RAID Level

Maximum Recording Capacity

Staridatorie IVVI	
PTZ	
PTZ Control	PTZ Control, Speed Control
Video	
Compression	H.265, H.264
Maximum Frame Rate vs. Resolution	20 fps at 4072 x 3076 30 fps at 3840 x 2160 20 fps at 2688 x 1520 25 fps at 1920 x 1080 25 fps at 1280 x 720
Audio	
Audio Type	2-way, Line-in, Line-out
Network	
Ethernet Port	Total ports: 17 port(s) Non-PoE: 1 port(s), Ethernet (10/100/1000 Base-T), RJ-45 connector PoE: 16 port(s), Ethernet (10/100 Base-T), RJ-45 connector
Recording	
Scheduled Recording	Yes
Event Recording	Yes
Manual Recording	Yes
Maximum Recording Throughput	160 Mbps
Search & Playback	
Playback Control	Continuous forward and backward playback with speeds 1/8x, 1/4x, 1/2x, 1x, 2x, 4x, 8x, 16x, 32x, 64x, 128x, 256x, pause, stop
Synchronized Playback	16 channels
Video Export	MP4
Event	
Event Trigger	[Video Device]: Video motion detection, External device through digital input, Sound detection, Intelligent event detection (Intrusion Detection, Tampering Detection)
System	
Permission control	128 Remote users, Customizable permissions for user groups
Client PC Operating System	Windows 7
Server Operating System	Embedded Linux
USB	1-Port USB 2.0, 1-Port USB 3.0
Language	English
Integration	
ONVIF Compliant	Yes
Web Browser	IE 10 or newer

SATA, Max. 2 Disk(s)

8TB x2

No

#### Interface

Digital Input/Output	4/1
Local Access	HDMI/VGA monitor, USB Mouse
General	
PoE Output	Maximum 30 Watts per port
PoE Power Budget	Maximum 240 W
Power Source	AC 100-240V
Power Consumption	20 W (AC)
Weight	2480g (5.47lb)
Dimensions	(W x H x D): 380mm x 315mm x 46mm (15" x 12.4" x 1.8")
Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)
Operating Humidity	10% - 90% RH
Remote Access	Web Client
Approvals	CE, FCC
Warranty	2 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

# Related Products

## **Mounting Accessories - Standalone NVR Mount**

PMAX-1204

PHDD-2501



Rack Bracket for ZNR-220P, ZNR-221P

Note: Some mounting accessories may need additional accessories for installation. Please check www.acti.com/mountingselector for more information.

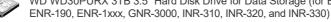
### Network & Storage Peripherals - Hard Disk

PHDD-2301

HGST ULTRASTAR 7K6000 2TB 3.5" Hard Disk Drive, 7200 RPM 128MB Cache (for ENR-1xx,ENR- 0x0P, ENR-22x, ENR-22xP)

WD WD30PURX 3TB 3.5" Hard Disk Drive for Data Storage (for ENR-110, ENR-120, ENR-130, ENR-140,

PHDD-2400



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PHDD-2700

HGST ULTRASTAR 7K6000 4TB 3.5" Hard Disk Drive, 7200 RPM 128MB Cache (for ENR-1xx, ENR-0x0P, ENR-22x, ENR-22xP)

WD WD60PURX 6TB 3.5" Hard Disk Drive - 6000 RPM 64MB Cache for Data Storage (for ENR-110, ENR-

120, ENR-130, ENR-140, ENR-190, GNR-3000, INR-310, INR-320, and INR-330)

PHDD-2702 WD Ultrastar 6TB 3.5" Hard Disk Drive, 7200 RPM 256MB Cache

#### Other Accessories - Accessory Part

R704-X0000 SATA Power Cable (for ZNR series)

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