

# ZNR-222P

## Deep Learning AI 16-Channel 2-Bay 1U Rackmount Standalone NVR with 16-port PoE Connectors



- 2-bay 1U Rackmount Standalone NVR
- Maximum Number of Video Devices: 16
- Built-in PoE Connectors (16 ports)
- Forensic Search

### ► Specifications

#### Product Profile

Product Type	Standalone NVR
Maximum Resolution	12MP
Maximum Number of Video Devices	16
Maximum Number of Clients	Local: 1, Remote: 128
Supported Screen Resolution	HDMI: 3840x2160 (30Hz), 1920x1080 (60Hz/50Hz), 1600x1200 (60Hz), 1280x1024 (60Hz), 1280x720 (60Hz), 1024x768 (60Hz) VGA: 1920x1080 (60Hz/50Hz), 1600x1200 (60Hz), 1280x1024 (60Hz), 1280x720 (60Hz), 1024x768 (60Hz)

#### Hardware

System Architecture	Embedded SoC-based (ARM platform)
CPU	ARM-based embedded SoC

#### License

License required	No
Free License	16

#### Live View

Display Layout Mode	1, 4, 6, 8, 9, 16
Fisheye Dewarping	Yes (Live View, Playback)

Local Live View performance	[Smart IVA Off] 2ch (up to 30 fps at 12MP) 2ch (up to 30 fps at 4K 3840 x 2160) 4ch (up to 30 fps at 4MP) 10ch (up to 30 fps at 3MP) 16ch (up to 30 fps at 720p) [Smart IVA On] 2ch (up to 30 fps at 4K 3840 x 2160) 4ch (up to 30 fps at 4MP) 8ch (up to 30 fps at 2MP 1920 x 1080) 16ch (up to 30 fps at 720p)
Digital Zoom	Yes
Event Status	Display event status upon alarm or upon connection loss or recovery between server and client

**PTZ**

PTZ Control	PTZ Control, Speed Control
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**Video**

Compression	H.265, H.264
Text Overlay	Yes

**Analytics**

NVR Built-in Analytics	Smart Intrusion Protection (detect people, vehicles entering/ exiting area or crossing the line), Smart Motion Detection (detect when the people, vehicles or other objects move in the predefined area), Face Recognition, Face Detection
NVR Analytics Maximum Channels	Smart Intrusion Protection: 2 channels
Deep Learning AI	2.0
Object Recognition Database	Vehicle Picture Capacity: 25,000
Analytics from Camera	Receive analytics based events from the cameras and respond to the events: Face Detection; Smart Motion Detection (People Detection, Vehicle Detection); Smart Intrusion Protection (Intrusion Detection, Line Crossing Detection, Enter Area Detection, Exit Area Detection); People Counting (People Line Counting, People Area Counting, People Flow Counting, Crowd Detection); Object Recognition; Traffic Monitoring

**Audio**

Audio Type	2-way, Line-in, Line-out
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**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
Maximum Outgoing Throughput	128 Mbps

**Recording**

Maximum Recording Throughput	160 Mbps
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**Search & Playback**

Synchronized Playback	16 channels
Forensic Search	Support, Select target object (people, vehicle) and search for the similar object through all the channels
Object Visual Tracking	Support, View thumbnails generated by Forensic Search and playback by time sequence

**System**

Server Operating System	Linux
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USB | 1-Port USB 2.0, 1-Port USB 3.0

### Integration

ONVIF Compliant | Yes, Profile S, Profile G, Profile T

### Storage

Storage Bay | SATA, Max. 2 Disk(s) (without storage disks)

HDD Size | 3.5"

Maximum Recording Capacity | 24TB x2

RAID Level | No

### Interface

Serial Port | 1 x RS-485

Audio Interface | 1/1, RCA Jack

Digital Input/Output | 8/2

Local Display Interface | HDMI x 1, VGA x 1

### General

PoE Output | Maximum 30 Watts per port

PoE Power Budget | Maximum 240 W

Power Source | AC 100-240V

Dimensions | (W x H x D): 380mm x 53mm x 322mm (15.0" x 2.09" x 12.7") Rack Space: 1U

Bundled Accessories | USB Mouse

Operating Temperature | -10°C ~ 60°C (14°F ~ 140°F)

Operating Humidity | 10% - 90% RH, non-condensing

Approvals | BSMI

Color | Black

Warranty | 2 Year(s). For extended warranty offering, see <http://www.acti.com/support/warranty>

## ▶ Related Products

### Network & Storage Peripherals - Hard Disk

PHDD-2G00



WD Ultrastar 18TB 3.5" Hard Disk Drive, 7200 RPM 512MB Cache