# ZNR-120P

## 4-Channel 1-Bay Mini Standalone NVR with 4-Port PoE Connectors

- 4 channels, 4 Free Licenses
- 1 Storage Bay(s)
- Mini Standalone NVR
- Embedded Linux
- 4-Port PoE
- Hi3536
- Web Client

## Specifications

### Product Profile

| | |
|---|---|
| Product Type | Standalone NVR |
| Maximum Resolution | Local: up to 8MP; Remote: up to12MP |
| Maximum Number of Video Devices | 4 |
| Maximum Number of Clients | Local: 1, Remote: 2 |

### Hardware

| | |
|---|---|
| System Architecture | Embedded SoC-based (ARM platform) |
| CPU | Hi3536 |

### License

| | |
|---|---|
| License required | No |
| Free License | 4 |

### Live View

| | |
|---|---|
| Fisheye Dewarping | Yes (Live View, Playback) |
| 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 |

## PTZ

| | |
|---|---|
| PTZ Control | PTZ Control, Speed Control |

## Video

| | |
|---|---|
| Compression | H.265, H.264 |
| Maximum Frame Rate vs. Resolution | 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

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|---|---|
| Audio Type | 2-way, Line-in, Line-out |

## Network

| | |
|---|---|
| Ethernet Port | Total ports: 5 port(s) Non-PoE: 1 port(s), Ethernet (10/100 Base-T), RJ-45 connector PoE: 4 port(s), Ethernet (10/100 Base-T), RJ-45 connector |

## Recording

| | |
|---|---|
| Scheduled Recording | Yes |
| Event Recording | Yes |
| Manual Recording | Yes |
| Maximum Recording Throughput | 40 Mbps |

## Search & Playback

| | |
|---|---|
| Playback Control | Continuous forward and backward playback with speeds 0.125x/0.25x/0.5x/1x/2x/4x/8x/16x, play, pause, stop |
| Synchronized Playback | 4 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 |
| Server Operating System | Embedded Linux |
| Client PC Operating System | Windows 7, Windows 8, Windows 10 |
| USB | 2-Port USB 2.0 |
| Language | English |

## Integration

| | |
|---|---|
| ONVIF Compliant | Yes |
| Web Browser | IE 10 or newer |

## Storage

| | |
|---|---|
| Storage Bay | SATA, Max. 1 Disk(s) |
| Maximum Recording Capacity | 8TB x1 |
| RAID Level | No |

### Interface

| | |
|---|---|
| Local Access | USB Mouse |

### General

| | |
|---|---|
| PoE Standard | IEEE 802.3af, IEEE 802.3at |
| PoE Output | Maximum 30 Watts per port |
| PoE Power Budget | Maximum 54 W |
| Power Source | DC 48V |
| Power Consumption | 8 W (DC) |
| Weight | 590g (1.3lb) |
| Dimensions | (W x H x D): 42mm x 205mm x 205mm (1.7" x 8.1" x 8.1") |
| Operating Temperature | -10°C ~ 55°C (14°F ~ 131°F) |
| Operating Humidity | 10% - 90% RH, non-condensing |
| Remote Access | Web Client |
| Approvals | CE, FCC, EAC, UL Listed |
| Warranty | 2 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty |

## Related Products

### Power Supply Accessories - Power Adapter

| | | |
|---|---|---|
| R707-X0010 | | Power Adapter AC 100~240V for ZNR-120P |

### 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) |
| PHDD-2501 | | HGST ULTRASTAR 7K6000 4TB 3.5" Hard Disk Drive, 7200 RPM 128MB Cache (for ENR-1xx, ENR-0x0P, ENR-22x, ENR-22xP) |
| PHDD-2700 | | 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) |