

VZ-NVR-161080-P NVR-16CH-160Mbps, Full 16ch Independent PoE



Professional and Reliable

- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

HD Input

- H.265/H.264/H.264+/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 16 IP cameras can be connected
- Recording at up to 8 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 8 MP resolution

HD Output

- HDMI and VGA independent outputs provided
- HDMI Video output at up to 4K (3840 × 2160) resolution

HD Storage

- Up to 2 SATA interfaces connectable for recording and backup
- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

HD Transmission

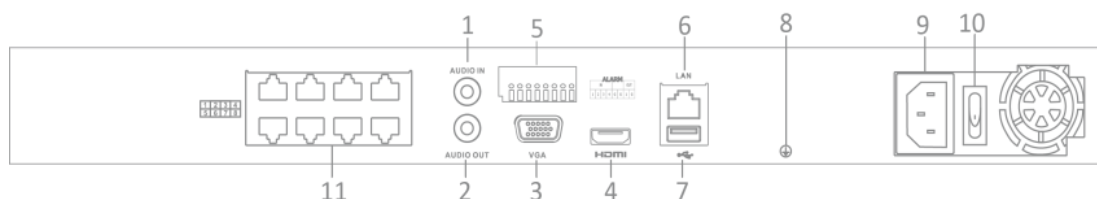
- 1 self-adaptive 10M/100M/1000 Mbps network interface
- 16 independent PoE network interfaces are provided

Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from Vezco and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Instant playback for assigned channel during multi-channel display mode
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports HDD quota and group modes; different capacity can be assigned to different channels

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|--------------------|---------------------------------|--|
| Video/Audio Input | IP video input | 16-ch |
| | Incoming Bandwidth | 160 Mbps |
| | Outgoing Bandwidth | 160 Mbps |
| Video/Audio Output | HDMI Output Resolution | 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| | VGA Output Resolution | 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| | Audio Output | 1-ch, RCA (Linear, 1 KΩ) |
| Decoding | Decoding Format | H.265/H.264/H.264+/MPEG4 |
| | Recording Resolution | 8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2 CIF/CIF/QCIF |
| | Synchronous Playback | 16-ch |
| | Capability | 2-ch @ 4K, or 8-ch @ 1080p |
| Network Management | Network Protocols | TCP/IP, DHCP, HIK Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS |
| Hard Disk | SATA | 2 SATA interfaces for 2HDDs |
| | Capacity | Up to 6TB capacity for each disk |
| External Interface | Two-way Audio | 1-ch, RCA (2.0 Vp-p, 1kΩ) |
| | Network Interface | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface |
| | USB Interface | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0 |
| | Alarm In/Out | 4/1 |
| POE Interface | Interface | 16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces |
| | Power | ≤ 200 W |
| | Supported Standard | IEEE 802.3 af/at |
| General | Power supply | 100 to 240 VAC |
| | Power | ≤ 280 W |
| | Consumption (without hard disk) | ≤ 15 W |
| | Working Temperature | -10 to +55° C (14 to 131° F) |
| | Working Humidity | 10 to 90 % |
| | Chassis | 385 mm chassis |
| | Dimensions (W × D × H) | 385 × 315 × 52 mm (15.2" × 12.4" × 2.0") |
| | Weight (without hard disk) | ≤ 3 kg (6.6 lbs) |

Physical Interfaces



NOTE: The VZ-NVR-161080-P provide 16 network Interfaces with PoE function.

| Index | Description | Index | Description |
|----------|-------------------------------------|-----------|--------------------------------------|
| 1 | VIDEO IN | 7 | USB Interface |
| 2 | VIDEO OUT | 8 | GND |
| 3 | VGA Interface | 9 | 100 to 240 VAC power supply |
| 4 | HDMI Interface | 10 | Power Switch |
| 5 | Controller Port, Alarm In/Alarm Out | 11 | Network Interfaces with PoE function |
| 6 | LAN Network Interface | | |