

NR320-16

16 Channel 4K 160M 1U Network Video Recorder



Features and Functions

- 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.265+/H.264/H.264+/MPEG4 video formats
- Connectible 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 connectible 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 10 M/100 M/1000 Mbps network interface

Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectible to smart IP cameras 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

NR320-16

16 Channel 4K 160M 1U Network Video Recorder

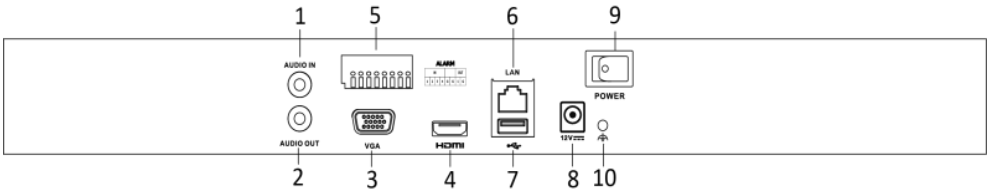
Specifications

| Model | NR320-16 | |
|------------------------|---------------------------------|--|
| 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.265+/H.264/H.264+/MPEG4 |
| | Recording resolution | 8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF |
| | Synchronous playback | 16-ch |
| Network management | Capability | 2-ch @ 4K, or 8-ch @ 1080p |
| | Network protocols | TCP/IP, DHCP, Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS |
| | SATA | 2 SATA interfaces |
| Hard disk | Capacity | Up to 6TB capacity for each HDD |
| | Two-way audio | 1-ch, RCA (2.0 Vp-p, 1kΩ) |
| | Network interface | 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface |
| External interface | USB interface | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0 |
| | Alarm in/out | 4/1 |
| | Power supply | 12 VDC |
| General | Power | ≤ 40 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) | ≤ 1 kg (2.2 lb) |

NR320-16

16 Channel 4K 160M 1U Network Video Recorder

Physical Interfaces



| Index | Description | Index | Description |
|-------|-------------------------------------|-------|-----------------------|
| 1 | AUDIO IN | 6 | LAN Network Interface |
| 2 | AUDIO OUT | 7 | USB 3.0 Interface. |
| 3 | VGA Interface | 8 | GND |
| 4 | HDMI Interface | 9 | 12 VDC power supply |
| 5 | Controller Port, Alarm In/Alarm Out | 10 | Power Switch |