

NVR-232MH



Features and Functions

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.265+/H.264/H.264+/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 32 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 10 M/100 M/1000 Mbps network interfaces

Various Applications

- Adopt stream over TLS encryption technology (enhanced SD K service and RTP over HTTPS protocol) which provides more secure stream transmission service (max. 128 Mbps TLS stream outgoing bandwidth)
- 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 Hikvision 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
- Hik-Connect for easy network management

▪ Specification

| Video/Audio input | |
|---------------------------------|--|
| IP video input | 32-ch |
| Incoming bandwidth | 256 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 | 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF |
| Synchronous playback | 16-ch |
| Capability | 2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps) |
| Network management | |
| Network protocols | TCP/IP, DHCP, IPv4, Hik-Connect, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS |
| Hard disk | |
| SATA | 2 SATA interfaces |
| Capacity | Up to 6TB capacity for each HDD |
| 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 interfaces |
| USB interface | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 |
| Alarm in/out | 4/1 |
| General | |
| Power supply | 12 VDC |
| Power | ≤ 40 W |
| Consumption (without hard disk) | ≤ 15 W |
| Working temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working humidity | 10 to 90 % |
| Dimensions (W × D × H) | 385 × 315 × 52 mm (15.2" × 12.4" × 2.0") |
| Weight (without hard disk) | ≤ 1 kg (2.2 lb) |



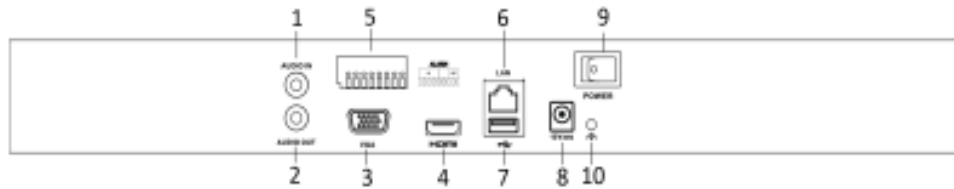
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Physical Interfaces



| 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 |



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