



Kodio

NVR-7716P

16CH NVR with PoE

Key Features

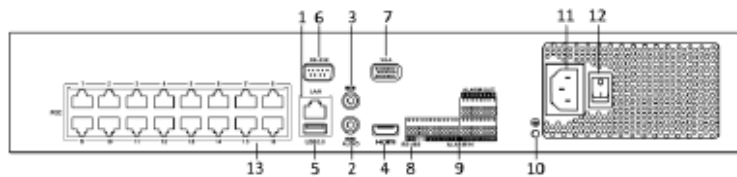
- Connectable to the third-party network cameras like ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, PSIA, SAMSUNG, SANYO, SONY Vivotek and ZAVIO.
- Up to 16 network cameras can be connected.
- Support live view, storage, and playback of the connected camera at up to 5 megapixels resolution.
- Simultaneous HDMI and VGA at 1920 x 1080 resolution
- New GUI and support starting record with one key.
- Redundant recording, holiday recording and capture schedule configuration.
- Realize instant playback for assigned channel during multi-channel display mode.
- Up to 16-ch synchronous playback at 4CIF resolution.
- Smart search for the selected area in the video.
- Customization of tags, searching, and playing back by tags.
- Locking and unlocking record files.
- Support HDD quota and group modes, different capacity can be assigned to different channel
- Up to 4 SATA hard disks and 1 eSATA disk (optional) can be connected, for both recording and backup.
- 1 self-adaptive 10M/100M/1000M network interfaces.
- Up to 16 independent PoE network interfaces are provided;
- Support Kodio DDNS (Dyanmic Domain Name System);
- Support network detection, including network delay, packet loss, etc.

Introduction

NVR-7716P series NVR (Network Video Recorder) is a new generation recorder developed by Kodio independently. Combined with multiple advanced technologies, such as audio and video encoding & decoding technology, embedded system technology, storage technology, network technology and intelligent technology, it can both work alone as a recorder and corporate with other device to build a comprehensive surveillance system.

The NVR-7716P series NVR can be widely applied in the areas of finance, public security, military, communication, transportation, education etc.

Physical Interfaces



| Index | Name | Index | Name |
|-------|-------------------------|-------|--------------------------------------|
| 1 | LAN Network Interface | 8 | RS-485 |
| 2 | AUDIO OUT | 9 | ALARM IN and ALARM OUT |
| 3 | AUDIO IN | 10 | GND |
| 4 | HDMI Interface | 11 | 100~240 VAC Power Input |
| 5 | USB 3.0 Interface | 12 | Power Switch |
| 6 | RS-232 Serial Interface | 13 | Network Interfaces with PoE Function |
| 7 | VGA Interface | | |

Specification (KODIO Series NVR)

| Item | | NVR-7716P |
|----------------------|---|--|
| Video /Audio Input | IP video input | 16CH |
| | Two-way audio | 1-ch, RCA (2.0 Vp-p, 1kΩ) |
| Network | Incoming bandwidth | 100Mbps |
| | Outgoing bandwidth | 80Mbps |
| | Remote connection | 128 |
| Video / Audio output | Recording resolution | 5MP /3MP /1080P/ UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF |
| | Frame rate | Main stream : 50fps (P) / 60 fps (N) |
| | | Sub-stream: 50 fps (P) / 60 fps (N) |
| | HDMI / VGA output | 1ch, resolution : 1920x1080P /60Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280 x 720 /60Hz, 1024 x 768 /60Hz |
| Audio output | 1-ch, RCA (Linear, 1KΩ) | |
| Decoding | Live view / Playback resolution | 5MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF |
| | Capability | 6CH@1080P |
| Hard disk | SATA | 4 SATA interfaces for 2HDDs + 1 DVD-R/W (default), or 4HDDs |
| | eSATA (Optional) | 1 eSATA interface |
| | Capacity | Up to 4TB capacity for each HDD |
| External interface | Network interface | 1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces |
| | Serial interface | RS-232; RS-485 |
| | USB interface | 2 x USB 2.0 + 1 x USB 3.0 |
| | Alarm in/out | 16/4 (optionally can be expanded to 16/8) |
| PoE | Interface | 16 independent 100 Mbps PoE network interfaces |
| | Max. Power | 200W |
| | Supported standard | AF and AT |
| Others | Power supply | 100~240 VAC |
| | Consumptin (without hard disk or DVD-R/W, or PoE) | ≤ 20W |
| | Working temperature | -10°C~+55°C (14°F~131°F) |
| | Working humidity | 10% ~ 90% |
| | Chassis | 19-inch rack-mounted 1.5U chassis |
| | Dimensions (WXDXH) | 445 x 390 x 70mm (17.5" x 15.3" x 2.8") |
| | Weight (without hard disk or DVD -R/W) | ≤ 4KG (8.82 lb) |