Network Video Recorder

RU16NVR2

Key Features

- 16 Channel Input
- Third-party IP cameras supported with ONVIF conformance
- Support 1-ch HDMI at up to 4K (3840x2160) resolution, 1-ch VGA,
- Up to 12 Megapixels resolution recording
- Support H.265/H.264 Video Formats
- Accurate retrieval, instant playback
- 2 SATA HDD up to 16 TB
- Support Various VCA detection alarm and VCA search
- Plug & Play with up to 16 independent PoE network interfaces
- Support for P2P, UPnP, NTP, DHCP, PPPoE
- Support for mobile client access
## Specifications

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### Video and Audio

- **IP Video Input**: 16-ch
- **Two-way audio Input**: 1-ch, RCA

### Network

- **Incoming bandwidth**: 160Mbps
- **Outgoing bandwidth**: 320Mbps
- **Remote connection**: 128

### Video/Audio Output

- **HDMI/VGA Output**
  - **VGA**: 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz
  - **HDMI**: 4K (3840x2160) /60Hz, 4K (3840x2160) /30Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz
- **Recording Resolution**
  - 12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
- **Audio Output**: 1-ch, RCA
- **Synchronous Playback**: 16-ch

### Decoding

- **Compression**: H.265/H.264
- **Live view/Playback**: 12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
- **Capability**: 4 x 12MP@20, 4 x 4K@30, 8 x 4MP@20, 16 x 1080p@30

### Hard Disk

- **SATA**: 2 SATA interfaces
- **Capacity**: up to 8TB for each disk

### External Interface

- **Network Interface**: 1 RJ-45 10M/100M self-adaptive Ethernet Interface
- **USB Interface**: Front panel: 1 x USB2.0, Rear panel: 1 x USB3.0
- **Alarm in**: 4-CH
- **Alarm out**: 4-CH

### PoE

- **Interface**: 16 independent 100 Mbps PoE network interfaces
- **Max Power**: Max 30W for single port, Max 240W in total (15W for each)

### Supported Standard

- **IEEE 802.3at**

### General

- **Power Supply**: 100 ~ 240 VAC
- **Consumption (without HDD and PoE)**: ≤ 20 W
- **Working Temperature**: +14°F ~ +131°F
- **Working Humidity**: 10% ~ 90%
- **Dimensions**: 380mm x 315mm x 46mm (14.95" x 12.4" x 1.81")
- **Weight (without HDD)**: ≤ 5.34 lb (2.42 Kg)
Dimensions

315mm (12.4")

293mm (11.5")

380mm (15.0")

46mm (1.8")