



## Key Features

- 16-channel input
- Third-party IP cameras supported with ONVIF conformance
- Support 1-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- Up to 12 Megapixels resolution recording
- Support H.265/H.264 video formats
- Accurate retrieval, instant playback
- Up to 8TB for each disk
- Support various VCA detection alarm and VCA search
- Plug & Play with up to 8/16 independent PoE network interfaces
- Support for P2P, UPnP, NTP, DHCP, PPPoE
- Support for mobile client access

## Specifications

| Model                | NVRP016                                                                                                                                                                                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video/Audio Input    |                                                                                                                                                                                                                                                                           |
| IP Video Input       | 16-ch                                                                                                                                                                                                                                                                     |
| Two-way Audio Input  | 1-ch, RCA                                                                                                                                                                                                                                                                 |
| Network              |                                                                                                                                                                                                                                                                           |
| Incoming Bandwidth   | 160Mbps                                                                                                                                                                                                                                                                   |
| Outgoing Bandwidth   | 320Mbps                                                                                                                                                                                                                                                                   |
| Remote Users         | 128                                                                                                                                                                                                                                                                       |
| Video/Audio Output   |                                                                                                                                                                                                                                                                           |
| HDMI/VGA Output      | VGA:<br>1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz<br>HDMI:<br>4K (3840x2160) /60Hz, 4K (3840x2160) /30Hz, 1920x1080p /60Hz, 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@30, 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/1000M self-adaptive Ethernet Interface                                                                                                                                                                                                                   |
| USB Interface        | Front panel: 1 x USB2.0, Rear panel: 1 x USB3.0                                                                                                                                                                                                                           |
| Alarm In             | 4-ch                                                                                                                                                                                                                                                                      |
| Alarm Out            | 1-ch                                                                                                                                                                                                                                                                      |
| PoE                  |                                                                                                                                                                                                                                                                           |
| Interface            | 16 independent 100 Mbps PoE network interfaces                                                                                                                                                                                                                            |
| Max Power            | Max 30W for single port<br>Max 240W in total ( 15W for each )                                                                                                                                                                                                             |
| Supported Standard   | IEEE 802.3af/at                                                                                                                                                                                                                                                           |
| General              |                                                                                                                                                                                                                                                                           |
| Power Supply         | 100 ~ 240 V AC                                                                                                                                                                                                                                                            |

|                                |                                   |
|--------------------------------|-----------------------------------|
| Consumption<br>( without HDD ) | ≤ 20 W                            |
| Working<br>Temperature         | -10°C ~ + 55°C ( +14°F ~ +131°F ) |
| Working<br>Humidity            | 10% ~ 90%                         |
| Dimensions                     | 380 mm × 315mm × 46 mm            |
| Weight<br>( without HDD )      | ≤2.48kg ( 5.47lb )                |

## Dimensions

