

## NVR516P16-Q2

16-ch 1U 16 PoE 4K NVR



### Outstanding Features

- H.265+ compression effectively reduces the storage space by up to 75%
- Provide simultaneous HDMI and VGA outputs
- HDMI video output at up to 4K resolution
- 2 SATA interfaces for HDD connection (up to 8 TB capacity per HDD)
- Smart search/smart playback to improve the playback efficiency
- 4-ch Motion Detection 2.0
- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.)
- 16 independent PoE network interfaces
- 1 self-adaptive 10/100 Mbps Ethernet interface

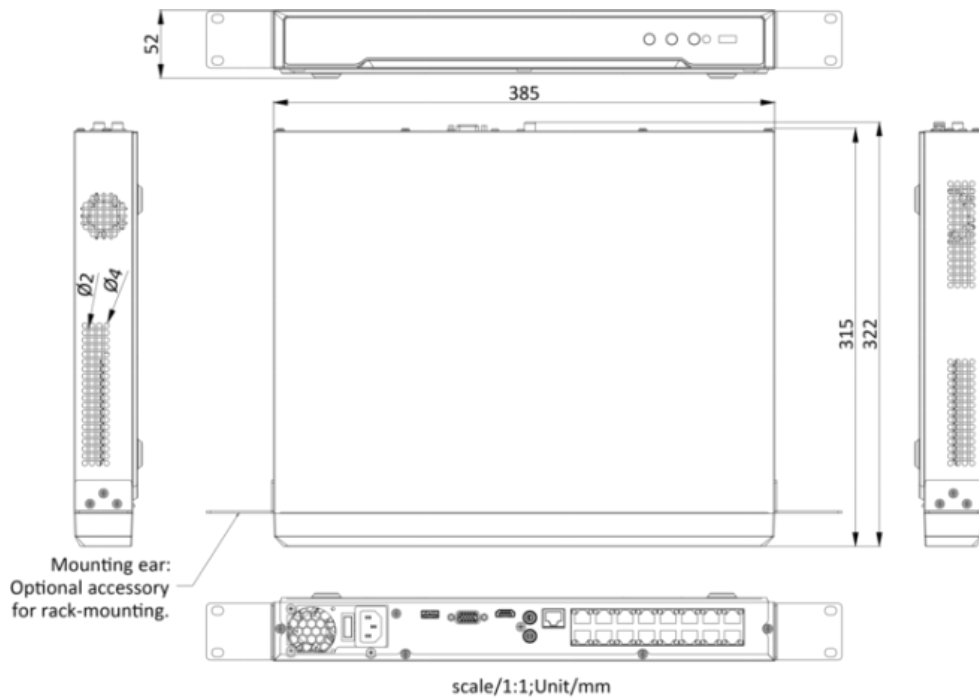
## Specification

|                        |   |
|------------------------|---|
| Motion Detection 2.0   |   |
| Human/Vehicle Analysis | 4-ch  |
| Video and Audio        |   |
| IP Video Input         | 16-ch   |
| Incoming Bandwidth     | 160 Mbps  |
| Outgoing Bandwidth     | 80 Mbps   |
| HDMI Output            | 1-ch, 4K (4096 x 2160)/30 Hz, 4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz, 1600 x 1200/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz |
| VGA Output             | 1-ch, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz  |
| Video Output Mode      | HDMI/VGA simultaneous output  |
| Audio Output           | 1-ch, RCA (Linear, 1 K $\Omega$ )   |
| Two-Way Audio          | 1-ch, RCA (2.0 Vp-p, 1 k $\Omega$ )   |
| Decoding               |   |
| Decoding Format        | H.265+, H.265, H.264+, H.264  |
| 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   |
| Decoding Capability    | 1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)<br>*: The length or width of camera resolution (each track) cannot exceed 4096 pixels.        |
| Stream Type            | Video, Video & Audio  |
| Audio Compression      | G.711ulaw/G.711alaw/G.722/G.726   |
| Network                |   |
| Remote Connection      | 32  |
| Network Protocol       | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS  |
| Network Interface      | 1, RJ-45 10/100 Mbps self-adaptive Ethernet interface   |
| PoE                    |   |
| Interface              | 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface  |
| Power                  | ≤ 150 W   |
| Standard               | IEEE 802.3 af/at  |
| Auxiliary Interface    |   |
| SATA                   | 2 SATA interfaces   |
| Capacity               | Up to 8 TB capacity for each disk   |
| Alarm In/Out           | N/A   |
| USB Interface          | 2 x USB 2.0   |
| General                |   |
| Power Supply           | 100 to 240 VAC, 50 to 60 Hz   |
| Consumption            | ≤ 15 W (without HDD and PoE off)  |
| Working Temperature    | - 10 °C to 55 °C (14 ° F to 131 ° F)  |
| Working Humidity       | 10% to 90%  |
| Chassis                | 1U chassis  |
| Dimension (W x D x H)  | 385 x 315 x 52 mm (15.2" x 12.4" x 2.0")  |
| Weight                 | ≤ 2.6 kg (without HDD, 5.7 lb.)   |
| Certification          |   |
| FCC                    | Part 15 Subpart B, ANSI C63.4-2014  |
| CE                     | EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017  |

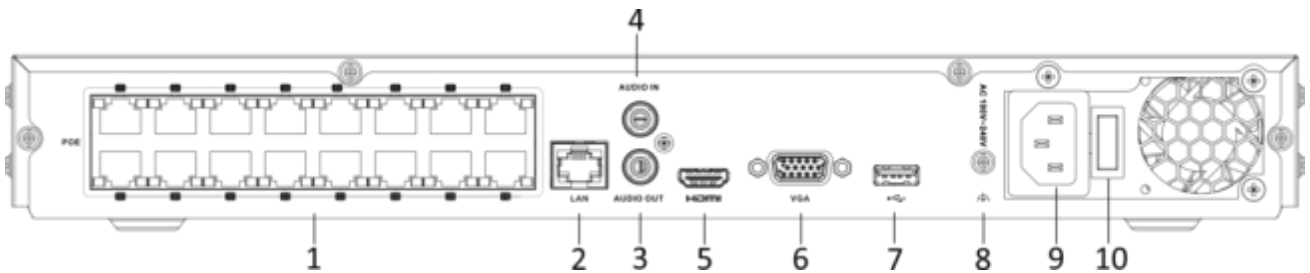
**Note:**

Alarm in/out can be optional for certain models. If you select a device model with "ALARM", then the device will have 4 alarm inputs and 1 alarm output.

## Dimension



## Physical Interface



| No. | Description    | No. | Description                |
|-----|----------------|-----|----------------------------|
| 1   | PoE Interfaces | 6   | VGA Output (DB9 Connector) |
| 2   | LAN Interface  | 7   | USB Interface              |
| 3   | AUDIO OUT      | 8   | GND                        |
| 4   | AUDIO IN       | 9   | Power Supply               |
| 5   | HDMI Interface | 10  | Power Switch               |