

PT-NRAS2B32-K4

Aisense Network Video Recorder

Key Feature

- Up to 32-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity
- Up to 256 Mbps incoming bandwidth
- Adopt Prama Aisense technology to minimize manual effort and security costs

Aisense



Smart Function

- All channels support intelligent learning based Motion Detection
- 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
- Smart search for the selected area in the video, and smart playback to improve the playback efficiency

Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Adopt stream over TLS encryption technology which provides more secure stream transmission service

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 4K resolution

Storage and Playback

- 4 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
- 16-ch synchronous playback

Network & Ethernet Access

- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces

Specification

| Facial Recognition | |
|--|--|
| Facial Detection and Analytics | Face picture comparison, human face capture, face picture search |
| Face Picture Library | Up to 16 face picture libraries, with up to 20,000 face pictures in total (each picture ≤ 4 MB, total capacity ≤ 1 GB) |
| Facial Detection and Analytics Performance | 1-ch human face capture |
| Face Picture Comparison | 4-ch face picture comparison alarm |
| Motion Detection | |
| Human/Vehicle Analysis | 32-ch |
| Video and Audio | |
| IP Video Input | 32-ch |
| Incoming Bandwidth | 256 Mbps |
| Outgoing Bandwidth | 160 Mbps |
| HDMI Output | 1-ch, 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 | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz |
| Video Output Mode | HDMI/VGA independent output |
| CVBS Output | N/A |
| Audio Output | 1-ch, RCA (Linear, 1 KΩ) |
| Two-Way Audio | 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input) |
| Decoding | |
| Decoding Format | H.265/H.265+/H.264+/H.264 |
| Recording Resolution | 12 MP/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 | AI on: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps) AI off: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps)/6-ch@4 MP (30 fps)/12-ch@1080p (30 fps) |
| Stream Type | Video, Video & Audio |
| Audio Compression | G.711ulaw/G.711alaw/G.722/G.726/AAC |
| Network | |
| Remote Connection | 128 |

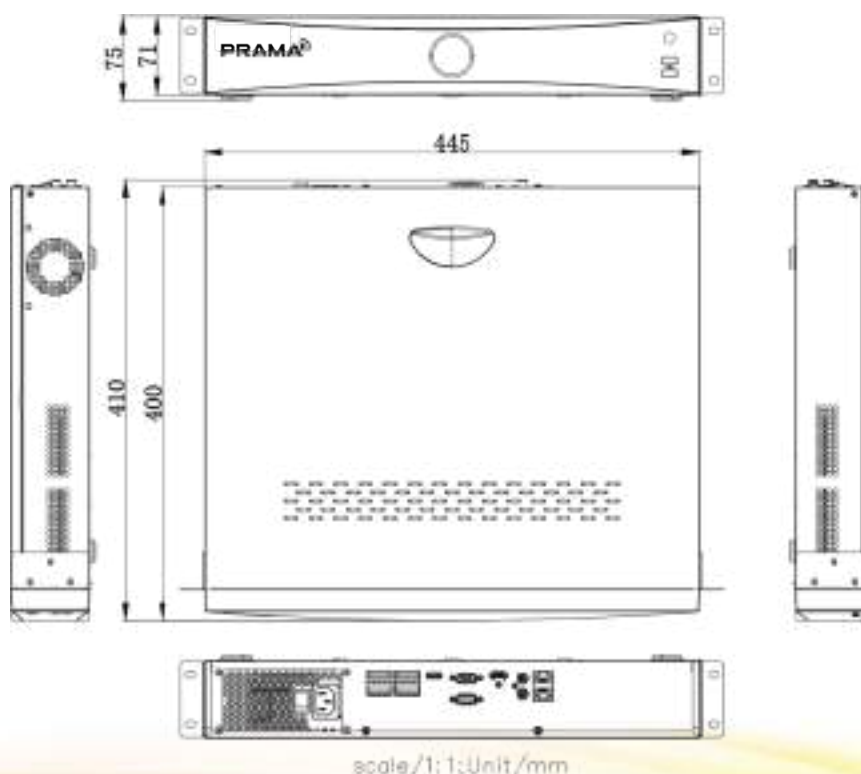
| | |
|----------------------------|--|
| Network Protocol | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SMTP, SNMP, NFS, iSCSI, SISP, UPnP™, HTTP, HTTPS |
| Network Interface | 2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces |
| Auxiliary Interface | |
| SATA | 4 SATA interfaces |
| Capacity | Up to 10 TB capacity for each HDD |
| Serial Interface | 2 RS-485 (half-duplex), 1 RS-232 |
| Alarm In/Out | 16/4 (16/9 is optional) |
| USB Interface | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 |
| General | |
| Power Supply | 100 to 240 VAC, 50 to 60Hz |
| Consumption | ≤ 20 W (without HDD) |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working Humidity | 10 to 90 % |
| Dimension (W × D × H) | 445 × 400 × 75 mm (17.5 inch × 15.7 inch × 3 inch) |
| Weight | ≤ 5 kg (without HDD, 11 lb.) |

*Specifications are subject to change without prior notice. *Product picture may can be differ as per actual.

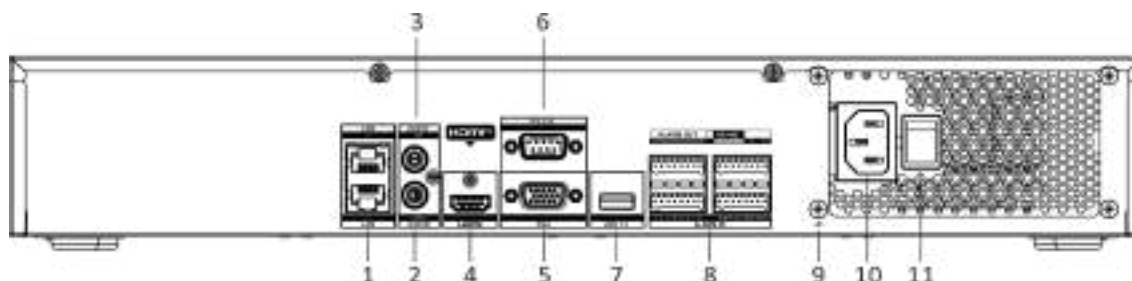
Available Model

PT-NRAS2B32-K4

Dimension



Physical Interface



| No. | Description | No. | Description |
|-----|----------------------------|-----|--------------------------------|
| 1 | LAN 1 and LAN 2 interfaces | 7 | USB 3.0 interface |
| 2 | Audio in | 8 | Alarm in, alarm out and RS-485 |
| 3 | Audio out | 9 | GND |
| 4 | HDMI interface | 10 | Power supply |
| 5 | VGA interface | 11 | Power switch |
| 6 | RS-232 serial interface | | |