

## INVR-08P1O12H2-AT



### Key Features

- Up to 8-ch IP camera inputs, plug & play with 8 power-over-Ethernet (PoE) interfaces
- 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 80 Mbps incoming bandwidth

### Smart Function

- | All channels support Motion Detection 2.0
- | 2-ch video analysis for human and vehicle recognition to reduce false alarm
- | 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 Reliable

- | 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 simultaneous HDMI and VGA outputs
- | HDMI Video output at up to 4K resolution

### Storage and Playback

- | Up to 2 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
- | 8-ch synchronous playback

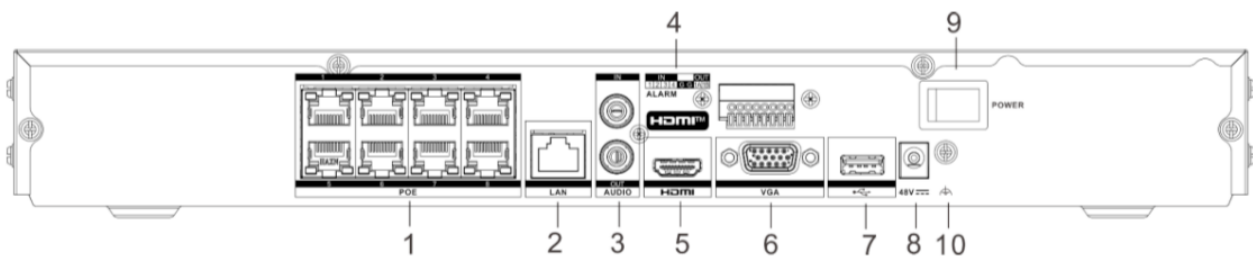
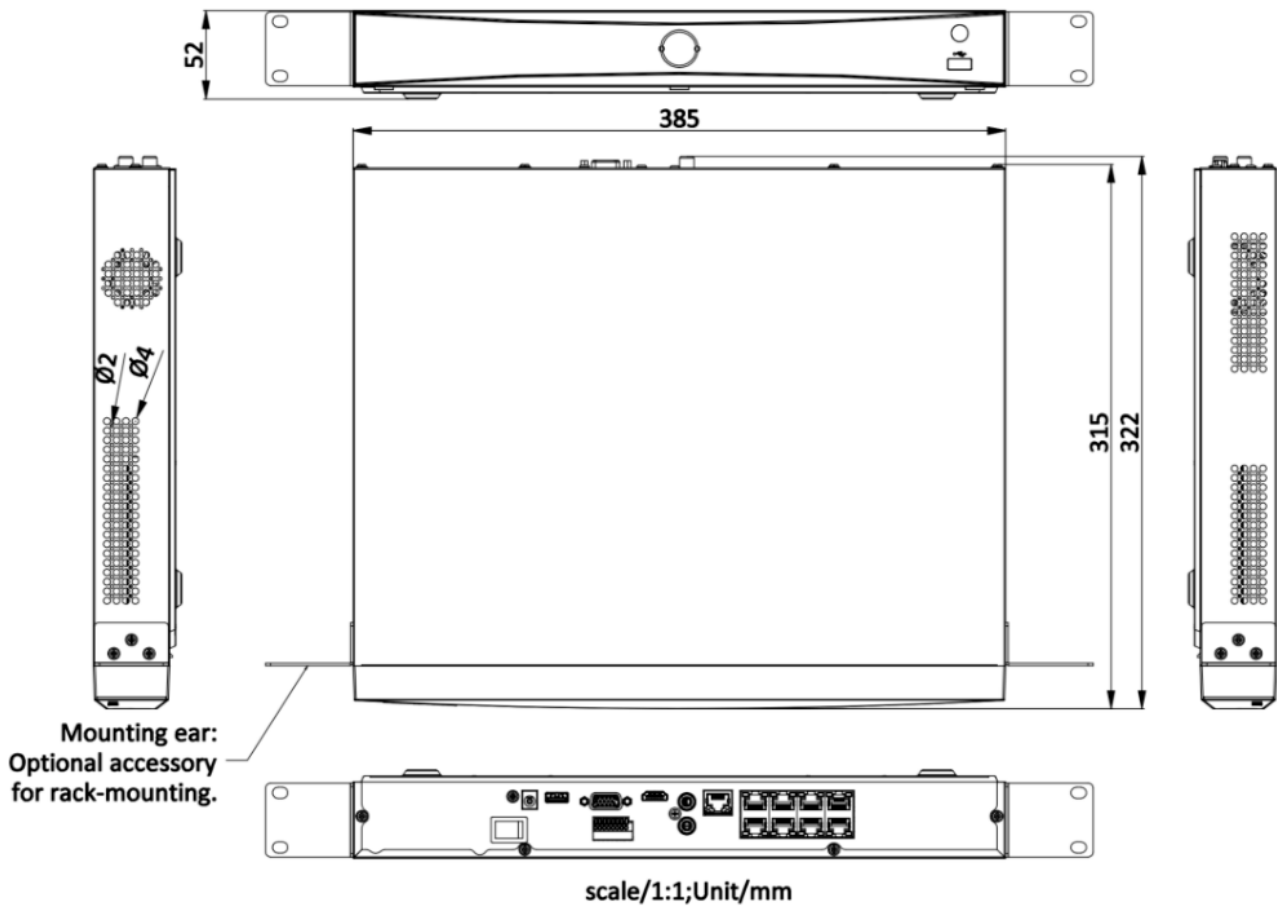
### Network & Ethernet Access

- | 8 independent PoE network interfaces
- | 1 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- | CTR-MAZi for easy network management

| Intelligent Analytics                      |                                                                                                                                                   |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| AI by Device                               | Facial recognition, perimeter protection, motion detection 2.0                                                                                    |
| AI by Camera                               | Facial recognition, perimeter protection, throwing objects from building, motion detection 2.0, ANPR, VCA                                         |
| 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, 8 MP                                                                                                                                        |
| Face picture comparison                    | 4-ch                                                                                                                                              |
| Motion Detection 2.0                       |                                                                                                                                                   |
| By Device                                  | All channels, 4 MP (when enhanced SVC mode is enabled, up to 8 MP) video analysis for human and vehicle recognition to reduce false alarm         |
| By Camera                                  | All channels                                                                                                                                      |
| Perimeter Protection                       |                                                                                                                                                   |
| By Device                                  | 2-ch, 4 MP (HD network camera, H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm                                |
| By Camera                                  | All channels                                                                                                                                      |
| Video/Audio input                          |                                                                                                                                                   |
| IP video input                             | 8-ch                                                                                                                                              |
| Incoming bandwidth                         | 80 Mbps                                                                                                                                           |
| Outgoing bandwidth                         | 160 Mbps                                                                                                                                          |
| HDMI output                                | 1-ch, 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, 1024 x 768/60 Hz |
| VGA output                                 | 1-ch, 1920 x 1080/60 Hz, 1600 x 1200/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz                                                                   |
| Video output mode                          | HDMI/VGA independent output                                                                                                                       |
| CVBS output                                | N/A                                                                                                                                               |
| Audio output                               | 1-ch, RCA (2.0 Vp-p, 1 kΩ, using the audio input)                                                                                                 |
| Two-way audio                              | 1-ch, RCA (Linear, 1 kΩ)                                                                                                                          |
| 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                       | 8-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)                                                              |

|                                       |                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stream type                           | 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)                                                                                                                                                                                                                                                                                                       |
| Audio compression                     | Video, Video & Audio                                                                                                                                                                                                                                                                                                                                                                         |
|                                       | G.711ulaw/G.711alaw/G.722/G.726/AAC                                                                                                                                                                                                                                                                                                                                                          |
| Network                               |                                                                                                                                                                                                                                                                                                                                                                                              |
| Remote connection                     | 128                                                                                                                                                                                                                                                                                                                                                                                          |
| API                                   | ONVIF (profile S/G); SDK; ISAPI                                                                                                                                                                                                                                                                                                                                                              |
| Compatible Browser                    | IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version                                                                                                                                                                                                                                                                                                                        |
| Network protocols                     | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS                                                                                                                                                                                                                                                                                       |
| Network interface                     | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface                                                                                                                                                                                                                                                                                                                                    |
| PoE                                   |                                                                                                                                                                                                                                                                                                                                                                                              |
| Interface                             | 8, RJ-45 10/100 Mbps self-adaptive Ethernet interface                                                                                                                                                                                                                                                                                                                                        |
| Power                                 | ≤ 80 W                                                                                                                                                                                                                                                                                                                                                                                       |
| Standard                              | IEEE 802.3af/at                                                                                                                                                                                                                                                                                                                                                                              |
| Auxiliary interface                   |                                                                                                                                                                                                                                                                                                                                                                                              |
| SATA                                  | 2 SATA interface                                                                                                                                                                                                                                                                                                                                                                             |
| Capacity                              | Up to 10 TB capacity for each HDD                                                                                                                                                                                                                                                                                                                                                            |
| Alarm in/out                          | 4/1                                                                                                                                                                                                                                                                                                                                                                                          |
| USB interface                         | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0                                                                                                                                                                                                                                                                                                                                            |
| General                               |                                                                                                                                                                                                                                                                                                                                                                                              |
| GUI Language                          | English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish Language, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz, Brazilian Portuguese, Indonesian |
| Power supply                          | 48 Vdc, 2.5 A                                                                                                                                                                                                                                                                                                                                                                                |
| Consumption (without HDD and PoE off) | ≤ 15 W                                                                                                                                                                                                                                                                                                                                                                                       |
| Working temperature                   | -10 °C ÷ +55 °C (+14 ÷ +131° F)                                                                                                                                                                                                                                                                                                                                                              |
| Working humidity                      | 10% ÷ 90%                                                                                                                                                                                                                                                                                                                                                                                    |
| Dimensions (W × D × H)                | 385 × 315 × 52 mm (15.2"× 12.4" × 2.0")                                                                                                                                                                                                                                                                                                                                                      |
| Weight (without HDD)                  | ≤ 3 kg (6.6 lb)                                                                                                                                                                                                                                                                                                                                                                              |
| Certification                         |                                                                                                                                                                                                                                                                                                                                                                                              |
| CE                                    | EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017                                                                                                                                                                                                                                                                                                                       |
| Obtained Certification                | CE, FCC, IC, CB, KC, UL, Reach, Rohs, BIS, WEEE, RCM, UKCA, LOA                                                                                                                                                                                                                                                                                                                              |

**Note:** Facial recognition, motion detection 2.0 or perimeter protection cannot be enabled at the same time.



| No. | Description                         | No. | Description   |
|-----|-------------------------------------|-----|---------------|
| 1   | Network interface with PoE function | 6   | VGA interface |
| 2   | LAN Network interface               | 7   | USB interface |
| 3   | AUDIO IN and AUDIO OUT              | 8   | Power supply  |
| 4   | ALARM IN and OUT                    | 9   | Power switch  |
| 5   | HDMI interface                      | 10  | GND           |