



## VIS-P5DRXIR28NH-HDOUT

5 Megapixel IP Plug & Play, Vandal Dome, 131' EXIR Range, WDR, Built-in Mic, SD Card Slot, PoE/12VDC, HDMI Output

### Features

- True AI Human & Vehicle Classification for Line Crossing, Intrusion Detection, & Other AI Features
- 5 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 131'
- HDMI Output Type A
- Starlight Illumination
- Ultra H.265/H.265/MJPEG Compression
- 30 FPS Recording and Live
- True WDR 130dB
- Micro SD Slot: Up to 512GB
- Audio Input: Built-in Mic
- Audio Output
- IP54 / Indoor Only
- IK10 Vandal Resistant
- SIP with Color Retrieval
- 12VDC/PoE Operation
- ONVIF
- Cloud Upgradeable
- Native Browser
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera                     | VIS-P5DRXIR28NH-HDOUT                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Max Resolution             | 5MP                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sensor                     | 1/2.7" CMOS                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Min. Illumination          | Colour: 0.002 lux (F1.6, AGC ON) 0 lux with IR on                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Shutter                    | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Adjustment Angle           | Pan: 3° ~ 360°, Tilt: 0° ~ 68°, Rotate: 3° ~ 360°                                                                                                                                                                                                                                                                                                                                                                                                                     |
| S/N                        | >56dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| WDR                        | 130dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Lens                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Focal Length               | 2.8 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Iris Type                  | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Iris                       | F1.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Field of View (H)          | 110.0°                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Field of View (V)          | 58.7°                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Field of View (D)          | 130.0°                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Lens Type                  | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DORI                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DORI Distance (Lens)       | 2.8mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DORI Distance (Detect)     | 206.7ft (63.0m)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DORI Distance (Observe)    | 82.7ft (25.2m)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DORI Distance (Recognize)  | 41.3ft (12.6m)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DORI Distance (Identify)   | 20.7ft (6.3m)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Illuminator                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Supplemental Light         | IR                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Illumination Distance (IR) | 40 m (131.2 ft)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| IR On/Off Control          | Auto/Manual                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Wavelength                 | 850 nm                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Video                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Video Compression          | Ultra 265; H.265; H.264; MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| H.264 Code Profile         | Baseline profile; Main profile; High profile                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Frame Rate                 | Main Stream: 5MP (2880*1620), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps;<br>Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; HDMI: 50Hz: 25fps (1080P) ; 60Hz: 30fps (1080P) |
| Video Bit Rate             | 128 Kbps ~ 16 Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| U-code                     | Support                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| OSD                        | Up to 8 OSDs                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Privacy Mask               | Up to 4 areas                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| ROI                        | Support                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Video Stream               | Triple Streams                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Image                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Auto Scene Match (ASM)     | Support (Only WDR)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| White Balance              | Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Digital Noise Reduction    | 2D/3D DNR                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Smart IR                   | Support                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Flip                       | Normal; Flip Vertical; Flip Horizontal; 180°; 90°Clockwise; 90°Anti-clockwise                                                                                                                                                                                                                                                                                                                                                                                         |
| Dewarping                  | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| HLC                        | Support                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| BLC                        | Support                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Defog                      | Digital Defog                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Intelligent                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Smart Intrusion Prevention | Support False Alarm Filtering: Cross Line Detection, Intrusion Detection, Enter Area Detection, Leave Area Detection                                                                                                                                                                                                                                                                                                                                                  |
| Statistical Analysis       | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| People Counting            | Support People Flow Counting and Crowd Density Monitoring                                                                                                                                                                                                                                                                                                                                                                                                             |
| Attribute Collection       | SIP with color retrieval                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Ordering Information

**VIS-P5DRXIR28NH-HDOUT:** 5 Megapixel Dome, 2.8mm

InVid Tech, reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.

|                        |                                                                                                                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Events                 |                                                                                                                                                                                                                                                                       |
| Basic Detection        | Motion Detection; Ultra Motion Detection; Tampering Alarm; Audio Detection                                                                                                                                                                                            |
| General Function       | Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication; Alarm Input; Alarm Output                                                                                                              |
| Audio                  |                                                                                                                                                                                                                                                                       |
| Audio Compression      | G.711U; G.711A                                                                                                                                                                                                                                                        |
| Audio Bitrate          | 64 Kbps                                                                                                                                                                                                                                                               |
| Two-way Audio          | Support                                                                                                                                                                                                                                                               |
| Suppression            | Support                                                                                                                                                                                                                                                               |
| Sampling Rate          | 8 KHz                                                                                                                                                                                                                                                                 |
| Storage                |                                                                                                                                                                                                                                                                       |
| Edge Storage           | Micro SD, up to 512 GB                                                                                                                                                                                                                                                |
| Network Storage        | ANR; NAS (NFS)                                                                                                                                                                                                                                                        |
| Network                |                                                                                                                                                                                                                                                                       |
| Protocols              | IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; 802.1x; SNMP; QoS; SSL/TLS; SSH                                                                                                              |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T); API; SDK                                                                                                                                                                                                                     |
| User/Host              | Up to 32 users. 3 user levels: administrator, common user and operator                                                                                                                                                                                                |
| Security               | Password Protection; Strong Password; HTTPS Encryption; Export Operation Logs; Basic and Digest Authentication for RTSP; Digest Authentication for HTTP; TLS 1.2; WSSE and Digest Authentication for ONVIF                                                            |
| Client                 | InVid Vision (Mobile App), Vision Tools (IP Utility), InVid CMS                                                                                                                                                                                                       |
| Web Browser            | Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above                                                                   |
| Interface              |                                                                                                                                                                                                                                                                       |
| Audio I/O              | 1 Input: impedance 35kΩ; amplitude 2V [p-p]; 1 Output: impedance 600Ω; amplitude 2V [p-p]                                                                                                                                                                             |
| Alarm I/O              | 1/1                                                                                                                                                                                                                                                                   |
| Serial Port            | N/A                                                                                                                                                                                                                                                                   |
| Built-in Mic           | Support                                                                                                                                                                                                                                                               |
| Built-in Speaker       | N/A                                                                                                                                                                                                                                                                   |
| WIFI                   | N/A                                                                                                                                                                                                                                                                   |
| Network                | 1 x RJ45 10M/100M Base-TX Ethernet                                                                                                                                                                                                                                    |
| Video Output           | 1 HDMI                                                                                                                                                                                                                                                                |
| Certification          |                                                                                                                                                                                                                                                                       |
| EMC                    | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130) FCC (FCC 47 CFR part15 B)                                                                                                                                                                                 |
| Safety                 | CE-LVD (EN 62368-1) CB (IEC 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)                                                                                                                                                                                   |
| Environment            | CE-RoHS (2011/65/EU)(EU)2015/863); WEEE (2012/19/EU)                                                                                                                                                                                                                  |
| Protection             | IP54, IK10 (IEC 62262)                                                                                                                                                                                                                                                |
| General                |                                                                                                                                                                                                                                                                       |
| Power                  | DC 12V±25%, PoE (IEEE 802.3af)                                                                                                                                                                                                                                        |
| Power Consumption      | Max 8.0W                                                                                                                                                                                                                                                              |
| Power Interface        | Ø 5.5 mm coaxial power plug                                                                                                                                                                                                                                           |
| Dimensions (O x H)     | Ø5.0" x 3.9" (Φ128.2 x 100.0mm)                                                                                                                                                                                                                                       |
| Weight                 | 1.47lb (0.67kg)                                                                                                                                                                                                                                                       |
| Material               | Metal                                                                                                                                                                                                                                                                 |
| Working Environment    | -22 °F ~ 140 °F (-30 °C ~ 60 °C), Humidity: ≤95% RH (non-condensing)                                                                                                                                                                                                  |
| Storage Environment    | -22 °F ~ 140 °F (-30 °C ~ 60 °C), Humidity: ≤95% RH (non-condensing)                                                                                                                                                                                                  |
| Surge Protection       | 4KV                                                                                                                                                                                                                                                                   |
| Reset Button           | Support                                                                                                                                                                                                                                                               |
| Web Client Language    | 20 Languages<br>Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese |

