



VIS-P8DRXIRA2812NH

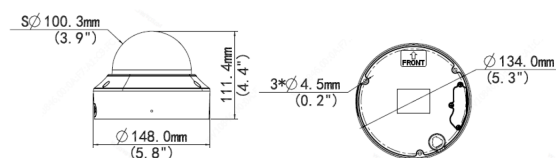
8 Megapixel IP Plug & Play Outdoor Dome, Motorized Auto-Focus Lens, up to 131' IR Range, WDR, Audio Input/Output, Built-in Mic, SD Card Slot, 12VDC/PoE

Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- 8 Megapixel Resolution
- Motorized Auto-Focus 2.8-12mm Lens
- True Day/Night with IR Range up to 131'
- Starlight Illumination
- Ultra 265/H.264/MJPEG
- 20 FPS Recording and Live
- True WDR 120dB
- Cloud Upgradeable
- Micro SD Slot: Up to 256GB
- Audio Input: Built-In Mic
- Audio Output
- IP67 Weatherproof
- IK10 Vandal resistant
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Vision CMS
- Free MAC Client
- NDAA Compliant

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|----------------|---------------|
| Camera | VIS-P8DRXIRA2812NH | | | | |
| Sensor | 1/2.8", 8.0 megapixel, progressive scan, CMOS | | | | |
| Minimum Illumination | Colour: 0.003Lux (F1.6, AGC ON) 0Lux with IR on | | | | |
| Day/Night | IR-cut filter with auto switch (ICR) | | | | |
| Shutter | Auto/Manual, 1 ~ 1/100000s | | | | |
| Adjustment angle | Pan: 0° ~ 355° Tilt: 0° ~ 80° Rotate: 0° ~ 355° | | | | |
| WDR | 120dB | | | | |
| S/N | >56dB | | | | |
| Lens | | | | | |
| Lens | 2.8 ~ 12mm, AF automatic focusing and motorized zoom lens | | | | |
| Angle of View (H) | 107.4° ~ 29.2° | | | | |
| Angle of View (V) | 54.2° ~ 16.3° | | | | |
| Angle of View (O) | 111.0° ~ 33.1° | | | | |
| DORI | | | | | |
| DORI Distance | Lens (mm) | Detect (ft) | Observe (ft) | Recognize (ft) | Identify (ft) |
| | 2.8 | 285.1 (86.9m) | 114.2 (34.8m) | 57.1 (17.4m) | 28.5 (8.7m) |
| | 12 | 1221.8 (372.4m) | 488.8 (149m) | 244.4 (74.5m) | 122 (37.2m) |
| Illuminator | | | | | |
| IR Range | Up to 131ft (40m) IR range | | | | |
| Wavelength | 850nm | | | | |
| IR On/Off Control | Auto/Manual | | | | |
| Video | | | | | |
| Video Compression | Ultra 265, H.265, H.264, MJPEG | | | | |
| H.264 code profile | Baseline profile, Main profile, High profile | | | | |
| Frame Rate | Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; 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; | | | | |
| Video Bit Rate | 128 Kbps~16 Mbps | | | | |
| U-code | Support | | | | |
| ROI | Up to 8 areas | | | | |
| Video Stream | Triple streams | | | | |
| OSD | Up to 8 OSDs | | | | |
| Privacy Mask | Up to 4 areas | | | | |
| Image | | | | | |
| White Balance | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2 | | | | |
| Image Setting | Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser | | | | |
| Digital Noise Reduction | 2D/3D DNR | | | | |
| Smart IR | Support | | | | |
| Flip | Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise | | | | |
| Dewarping | Supported | | | | |
| HLC | Supported | | | | |
| BLC | Supported | | | | |
| Defog | Digital Defog | | | | |
| Intelligent | | | | | |
| Smart intrusion prevention | Support false alarm filtering: Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection | | | | |
| Face capture | Support | | | | |

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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Statistical Analysis | People counting, support tripwire people counting and area people counting |
| Events | |
| Basic Detection | Motion detection, tampering alarm, audio detection |
| General Function | Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication |
| Audio | |
| Audio Compression | G.711 |
| Audio Bitrate | 64 Kbps |
| Two-way audio | Supported |
| Suppression | Supported |
| Sampling Rate | 8KHZ |
| Storage | |
| Edge Storage | Micro SD, up to 256GB |
| Network Storage | ANR, NAS(NFS) |
| Network | |
| Protocols | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS, SSH |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API, SDK |
| Client | InVid Vision (Mobile App), Vision Tools (IP Utility), InVid CMS |
| Web Browser | Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 & below |
| Interface | |
| Audio I/O | Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p] |
| Alarm I/O | 1/1 |
| RS485 | N/A |
| Built-in Mic | Support |
| Audio Sensitivity | -32±3dB |
| Built-in Speaker | N/A |
| WIFI | N/A |
| Network | 1 RJ45 10M/100M Base-TX Ethernet |
| Video Output | N/A |
| Certifications | |
| EMC | FCC CFR 47 Part 15, EN 55032:2015, EN 55024:2010, EN 61000-3-2:2014, EN 61000-3-3-2013 |
| Safety | IEC 62368-1, EN 62368-1, UL 62368-1 |
| Environment | CE-ROHS (2011/65/EU);(EU)2015/863); WEEE (2012/19/EU); REACH (Regulation (EC) No 1907/2006) |
| Protection | Ingression protection: IP67 (IEC 60529-2013) Vandal resistant: IK10 (IEC 62262:2002) |
| General | |
| Power | DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 9.0W |
| Power Interface | Ø 5.5mm coaxial power plug |
| Dimensions (Ø x H) | Ø5.8" x 4.4" (Ø148 x 111.4mm) |
| Weight | 2.14lb (0.97kg) |
| 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 | 6KV |
| Reset Button | Supported |



Ordering Information

VIS-P8DRXIRA2812NH: 8 Megapixel Dome, 2.8-12mm Lens

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