



## VIS-P8DRIR28NH2

8 Megapixel IP Plug & Play Outdoor Dome, Fixed Lens, Starlight Illumination, up to 98' IR Range, WDR, 12VDC/PoE

### Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- 8 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 98'
- Starlight Illumination
- Smart IRs
- Ultra 265,H.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
- Free Central Management Software (CMS)
- Free MAC Client

Camera	
Sensor	1/2.7", 8.0 megapixel, progressive scan, CMOS
Lens	2.8mm@F1.6
DORI Distance	Lens    Detect(m)    Observe(m)    Recognize(m)    Identify(m)
	2.8mm    84            33.6            16.8            8.4
Angle of View (H)	112.9°
Angle of View (V)	51.9°
Angle of View (O)	121.2°
Adjustment angle	Pan: 3~360° Tilt: 0°~68° Rotate: 3°~360°
Shutter	Auto/Manual, 1~1/100000 s
Minimum Illumination	Colour: 0.003Lux (F1.6, AGC ON) 0Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Digital noise reduction	2D/3D DNR
S/N	>56dB
IR Range	Up to 98 ft (30m) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
Defog	Digital Defog
WDR	120dB

Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline Profile, Main 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; C1F(352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; C1F(352*288), Max 30fps;
Video Bit Rate	128 Kbps~16 Mbps
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90° Anti-clockwise
Dewarping	Supported
HLC	Supported
BLC	Supported
Audio	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
Intelligent	
Smart Intrusion Prevention	Cross line, intrusion, enter area, leave area detection
Recognition	Face capture;
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
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, SNMP, HTTPS, SMTP, SSL
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	Vision CMS, InVid Vision App
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Interface	
Audio I/O	Input: impedance 35kΩ; amplitude 2V (p-p) Output: impedance 600Ω; amplitude 2V (p-p)
Alarm I/O	1/1
Built-in Mic	Supported
Network	1 RJ45 10M/100M Base-TX Ethernet
Certifications	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
General	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 6.0W
Dimensions (Ø x H)	Ø4.3" x 3.3" (Φ109 x 83mm)
Net Weight	0.95lb (0.43kg)
Material	Metal + Plastic
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
Ingress Protection	IP67
Vandal Resistant	IK10

### Ordering Information

**VIS-P8DRIR28NH2:** 8 Megapixel IP Plug & Play Dome. 2.8mm

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