



Camera																
Sensor	1/3.0", 4.0 megapixel, progressive scan, CMOS															
Minimum Illumination	Colour:0.002 (F1.6, AGC ON) 0 lux with IR															
Day/Night	IR-cut filter with auto switch (ICR)															
Shutter	Auto/Manual, 1 ~ 1/100000s															
Adjustment angle	Pan: 0° ~ 180° Tilt: 0° ~ 66° Rotate: 0° ~ 346°															
WDR	120dB															
S/N	>52dB															
Lens																
Lens type	2.8mm@F1.6      4.0mm@F1.6															
Iris	Fixed															
Field of View (H)	97.7°      81.4°															
Field of View (V)	52.7°      43.4°															
Field of View (O)	102.5°      86.9															
DORI																
DORI Distance	<table border="1"> <thead> <tr><th>Lens (mm)</th><th>Detect (ft)</th><th>Observe (ft)</th><th>Recognize (ft)</th><th>Identify (ft)</th></tr> </thead> <tbody> <tr><td>2.8</td><td>206.7(63m)</td><td>82.7(25.2m)</td><td>41.3(12.6m)</td><td>20.7(6.3m)</td></tr> <tr><td>4.0</td><td>295.3(90m)</td><td>118.1(36m)</td><td>59.1(18m)</td><td>29.5(9m)</td></tr> </tbody> </table>	Lens (mm)	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)	2.8	206.7(63m)	82.7(25.2m)	41.3(12.6m)	20.7(6.3m)	4.0	295.3(90m)	118.1(36m)	59.1(18m)	29.5(9m)
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Illuminator																
IR Range	Up to 98ft (30m) 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:4MP(2688*1520), Max 25fps; 4MP(2560*1440), Max 25fps; 3MP(2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P(1280*720) Max 30fps Sub Stream: 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															
OSD	Up to 8 OSDs															
Privacy Mask	Up to 4 areas															
ROI	Up to 8 areas															
Video Stream	Triple streams															
Image																
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: Line crossing detection, Intrusion detection, Enter Area detection, Leave Area detection															
Recognition	Face capture															
Statistical Analysis	People counting, support people flow counting and crowd density monitoring															
Auto Scene Match (ASM)	Support (Only WDR)															
Events																
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection															
General Function	Watermark, IP address filtering, Tampering alarm, Access policy, ARP protection, RTSP authentication, User authentication															

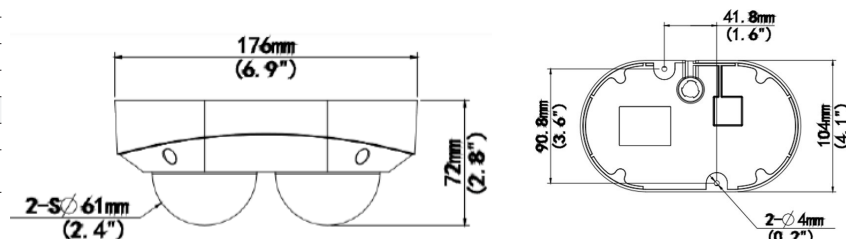
## VIS-P4DUALDRIR28NH-AI

(2) 4 Megapixel Dual Channel, Non-Splicing IP Plug & Play, Outdoor Dome, Up to 98' IR Range, WDR, 2-Built-in Mics with Audio Input/Output, SD Card Slot, 12VDC/PoE

### Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- (2) 4 Megapixel Resolution Cameras Non-Splicing
- Dual Fixed 2.8mm Lens
- True Day/Night with IR Range up to 98'
- Ultra H.265, H.265, H.264, MJPEG Compression
- 25 FPS Recording
- True WDR 130dB
- Micro SD Slot: Up to 256GB
- 2-Built-in Mics: Audio Input
- Audio Output
- IP67 Weatherproof
- IK10 Vandal Resistant
- 12VDC/PoE Operation
- ONVIF
- Cloud Upgradeable
- Free iOS & Android Apps for Smart Phones & Tablets
- Vision CMS
- Free MAC Client
- NDAA Compliant

Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way audio	Support
Suppression	Support
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), 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	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Serial Port	N/A
Built-in Mic	Built-in two Mics
Built-in Speaker	N/A
WiFi	N/A
Network	1 RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
Certifications	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) 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	IP67 (IEC 60529) IK10 (IEC 62262)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 9.1w
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (L x W x H)	Ø 6.9" x 2.8" (176x72mm)
Weight	1.37lb (0.62kg)
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



### Ordering Information

**VIS-P4DUALDRIR28NH-AI:** (2) 4 Megapixel Dual 2.8mm Fixed Lens

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