



## PAR-P4DUALDRIR28NH-AI

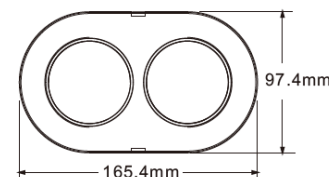
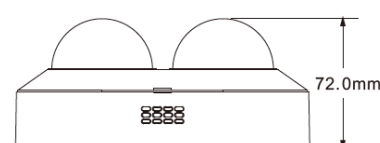
(2) 4 Megapixel Dual Channel, Non-Splicing IP Plug & Play, Outdoor Dome, Up to 98' IR Range, WDR, 2-Built-in Mics with Audio Input/Output, SD Card Slot, 12VDC/PoE

### Features

- True AI Human & Vehicle Classification for Line Crossing, Intrusion Detection, & Other AI Features
- True P2P Connectivity with QR Code Connect NAT 2.0
- (2) 4 Megapixel Resolution Cameras Non-Splicing
- Dual Fixed 2.8mm Lens
- True Day/Night with IR Range up to 98'
- H.265+, H.265, H.264+, H.264 Compression
- 30 FPS Recording
- True WDR 120dB
- Micro SD Slot: Up to 512GB
- 2-Built-in Mics: Audio Input
- Audio Output
- IP66 Weather Resistant
- IK10 Vandal Resistant
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC

|                            |                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| Camera                     | PAR-P4DUALDRIR28NH-AI                                                                                     |
| Image Sensor               | 1 / 3 "CMOS*2                                                                                             |
| Image Size                 | 2688 × 1520                                                                                               |
| Electronic Shutter         | 1 / 3 s ~ 1 / 100000 s                                                                                    |
| Iris Type                  | Fixed Iris                                                                                                |
| Min. Illumination          | 0.005 lux@F1.6, AGC ON; 0 lux with IR                                                                     |
| Lens                       | 2.8 mm@F1.6, Horizontal FoV: 101°; vertical FoV: 55°; diagonal FoV: 122°                                  |
| Focus                      | Fixed                                                                                                     |
| Lens Mount                 | M12                                                                                                       |
| Day & Night                | ICR                                                                                                       |
| Wide Dynamic Range         | 120dB                                                                                                     |
| BLC                        | Yes                                                                                                       |
| HLC                        | Yes                                                                                                       |
| Defog                      | Yes                                                                                                       |
| S/N Ratio                  | ≥50dB                                                                                                     |
| Digital NR                 | 3D DNR                                                                                                    |
| Angle Adjustment           | Pan: -90°~90°; Tilt: 0°~65°; Rotation: 0°~355°                                                            |
| Image                      |                                                                                                           |
| Video Compression          | Main/Third stream: H.265+ / H.265 / H.264+ / H.264<br>Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG |
| H.264 Compression Standard | Baseline Profile/Main Profile/High Profile                                                                |

|                          |                                                                                                                                                                                                                |             |            |            |           |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|------------|-----------|
| Resolution               | 4MP (2688×1520), 2K (2560×1440), 3MP(2304×1296), 1080P ( 1920×1080), 720P (1280×720 ), D1, VGA(640×480), 640×360, CIF, 480 × 240                                                                               |             |            |            |           |
| Main Stream              | 4MP/2K/3MP/1080P ( 60Hz : 1 ~ 30fps; 50Hz: 1~25fps )                                                                                                                                                           |             |            |            |           |
| Sub Stream               | 720P/D1/VGA/640×360/480×240/CIF( 60Hz : 1 ~ 30fps; 50Hz: 1~25fps )                                                                                                                                             |             |            |            |           |
| Third Stream             | D1/CIF/480×240 ( 60Hz : 1 ~ 30fps; 50Hz: 1~25fps )                                                                                                                                                             |             |            |            |           |
| Bit Rate                 | 64 Kbps ~ 8 Mbps                                                                                                                                                                                               |             |            |            |           |
| Bit Rate Type            | VBR / CBR                                                                                                                                                                                                      |             |            |            |           |
| Audio Compression        | G711A / U                                                                                                                                                                                                      |             |            |            |           |
| Image Settings           | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser                                                      |             |            |            |           |
| ROI                      | Each ROI to be configured separately                                                                                                                                                                           |             |            |            |           |
| Intelligent Analytics    |                                                                                                                                                                                                                |             |            |            |           |
| Smart Event              | Line crossing, region intrusion/entrance/exiting (human/vehicle classification) loitering detection, illegal parking detection, abandoned/ missing object detection                                            |             |            |            |           |
| Statistics               | Target counting by line/area, heat map                                                                                                                                                                         |             |            |            |           |
| Exception Detection      | Scene change, video blur and abnormal color detection, audio exception                                                                                                                                         |             |            |            |           |
| Face Detection           | Face detection and face capture                                                                                                                                                                                |             |            |            |           |
| DORI Distance            |                                                                                                                                                                                                                |             |            |            |           |
| DORI Distance            | Lens                                                                                                                                                                                                           | Detect      | Observe    | Recognize  | Identify  |
|                          | 2.8mm                                                                                                                                                                                                          | 191ft (58m) | 76ft (23m) | 38ft (12m) | 19ft (6m) |
| Interfaces               |                                                                                                                                                                                                                |             |            |            |           |
| Network                  | RJ 45 10M/100M self-adaptive Ethernet port                                                                                                                                                                     |             |            |            |           |
| Video Output             | Yes                                                                                                                                                                                                            |             |            |            |           |
| Audio                    | 1CH audio input; 1CH audio output; 2CH built-in MICs; 1CH built-in speaker                                                                                                                                     |             |            |            |           |
| Storage                  | Built-in micro SD card slot; up to 512GB                                                                                                                                                                       |             |            |            |           |
| Reset                    | Yes                                                                                                                                                                                                            |             |            |            |           |
| Alarm                    | 2CH alarm input; 2CH alarm output                                                                                                                                                                              |             |            |            |           |
| Power Output             | Yes, max. DC12V@100mA                                                                                                                                                                                          |             |            |            |           |
| Functions                |                                                                                                                                                                                                                |             |            |            |           |
| Remote Monitoring        | Web Browser/Paramont CMS/NVR/mobile APP                                                                                                                                                                        |             |            |            |           |
| Web Browser              | Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+                                                                                                                                                             |             |            |            |           |
| Online Connection        | Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission                                                                                                                |             |            |            |           |
| Network Protocol         | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, P2P, QoS                                                                                |             |            |            |           |
| Interface Protocol       | ONVIF (Profile G/S/T/M)                                                                                                                                                                                        |             |            |            |           |
| Storage                  | Network remote storage; micro SD card storage                                                                                                                                                                  |             |            |            |           |
| Smart Alarm              | Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection, audio alarm                                                                                                    |             |            |            |           |
| General Function         | Watermark, video mask, heartbeat, image distortion correction, corridor pattern, disarming, ANR, cloud upgrade                                                                                                 |             |            |            |           |
| Security                 | Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP/API services |             |            |            |           |
| PoE                      | Yes , IEEE802.3af                                                                                                                                                                                              |             |            |            |           |
| IR Distance              | 98'                                                                                                                                                                                                            |             |            |            |           |
| Ingress Protection       | IP 66 & IK10                                                                                                                                                                                                   |             |            |            |           |
| Others                   |                                                                                                                                                                                                                |             |            |            |           |
| Power Supply             | DC12V/PoE                                                                                                                                                                                                      |             |            |            |           |
| Power Consumption        | <9.5W                                                                                                                                                                                                          |             |            |            |           |
| Storage Conditions       | -22°F ~ 149°F ( - 30 °C ~ 65°C ), Humidity: less than 95 % (non-condensing)                                                                                                                                    |             |            |            |           |
| Operating Conditions     | -22°F ~ 140°F ( - 30 °C ~ 60 °C ), Humidity: less than 95 % (non-condensing)                                                                                                                                   |             |            |            |           |
| Dimensions               | 6.5 x 3.8 x 2.8 in (165.4 × 97.4× 72mm)                                                                                                                                                                        |             |            |            |           |
| Weight ( net )           | Approx. 1.66lbs (0.755KG)                                                                                                                                                                                      |             |            |            |           |
| Installation             | Ceiling mounting; Wall mounting                                                                                                                                                                                |             |            |            |           |
| Certificate              | CE, FCC                                                                                                                                                                                                        |             |            |            |           |
| Environmental Protection | Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)                                                                                                                                |             |            |            |           |



### Ordering Information

**PAR-P4DUALDRIR28NH-AI:** 4 Megapixel Dome Dual 2.8mm Lens

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