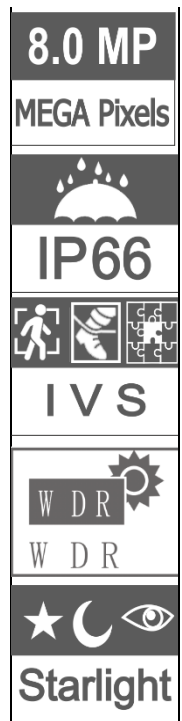


8MP DeepinView IR Network Fisheye Camera

Model: PS280D-IRD



Features:

- 8MP, 1/1.8" Progressive Scan CMOS image sensor
- Outputs max. 8MP (2560 × 2560) @25/30 fps with multiple dewarping modes
- H.265+/H.265/H.264+/H.264 codec
- Built-in IR LED, max IR distance: 15 m, Smart Supplement Light
- Deep learning: Heatmap, People Counting, Queue Management, Intersection Analysis
- 360° panoramic view, 20 display modes, multi dewarping modes
- Built-in mic
- 12V DC/PoE (IEEE 802.3af) power supply, max. 10 W
- IP66 and IK10 protection

Specification:

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2560 × 2560
Open Resources	Memory: 60 MB, Smart RAM: 800 MB, eMMC: 2 GB
Computing Power	2 TOPS Computing Power
Scanning System	Progressive
Shutter Time	1 s to 1/100,000 s
Min. Illumination	Color: 0.01 Lux @ (F2.25, AGC ON), B/W: 0.005 Lux @ (F2.25, AGC ON), B/W: 0 Lux with IR
S/N Ratio	>56 dB
Supplement Light Range	15 m (49.21 ft)
Smart Supplement Light	Yes
Supplement Light Number	3 (IR LED, 850 nm)
Lens	
Lens Type	Fixed focal lens
Mount Type	Fixed
Focal Length	1.8 mm
Max. Aperture	F2.25
Field of View	Horizontal FOV 172°, Vertical FOV 172°
Iris Type	Fixed
Depth of Field	0.2 m to ∞
Video	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG
Smart Codec / SVC	H.265+/H.264+ Smart Codec, SVC
Video Frame Rate	Main stream: 25/30 fps: Fisheye 2560 × 2560, 2048 × 2048, 1280 × 1280; Panorama 2048 × 1536, 1920 × 1440; 4PTZ 1024 × 768 Sub stream: 25/30 fps: Fisheye 720 × 720, 480 × 480; Panorama 640 × 480, 320 × 240
Stream Capability	2 streams
Resolution	Fisheye: 2560 × 2560, 2048 × 2048, 1280 × 1280; Panorama: 2048 × 1536, 1920 × 1440; 4PTZ: 1024 × 768
Bit Rate Control	CBR/VBR
Video Bit Rate	32 Kbps to 16 Mbps
Day/Night	Day, Night, Auto, Schedule, Alarm Trigger
BLC	Yes
HLC	Yes
WDR	Digital WDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR, BLC, HLC, Distortion Correction, Defog
Network	
Network	1 RJ45 10M/100M/1000M self-adaptive Ethernet port
SDK and API	Yes
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, ISUP, ARP, WebSocket, WebSockets, SIP, ONVIF (Profile S/Profile G/Profile T)
Dimensions	167.4 mm × 152.8 mm × 55 mm (6.6" × 6" × 2.2")
Net Weight	Approx. 700 g (1.54 lb)
Certifications	CE-LVD: EN 62368-1:2014/A11:2017, CE-EMC: EN 55032:2015+A1:2020, CE-RoHS: 2011/65/EU, IP67: IEC 60529-2013, IK10: IEC 62262:2002

Note: Design & Specification are subject to change without prior notice.

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