

BETTER SECURITY
BETTER SOLUTION

CYBERTRON®

CYB-IPD80SMA-DL2

8MP 4K Dual Light Network Dome Camera-20mtr

- 1/2.9" 8MP Ultra - Low Illumination CMOS Image Sensor
- Max. 8MP (3840 x 2160) @15 FPS
- Instastream and H.265 + Dual-Stream Encoding
- DWDR, ICR Switch Auto / Color / B&W / CDS Trigger
- 2.8mm Fixed Lens (3.6mm Optional)
- Support Built-in Mic
- IR Range of 20 Mtr, IP65, PoE



Functions

Power Over Ethernet

This product uses the latest PoE technology to trouble - shoot the occurrence of any issues in the system making. it easier to use. With the help of this technology, your camera now only consumes energy directly from the power supply and doesn't require any mid-way switches.

IR Mode

The IR light is always on, and video imaging remains black and white (in low light).

White Light Mode

The visible white light is always on, and the camera captures color imaging 24/7

Smart Mode

In this mode, the camera uses invisible IR light when there are no people or vehicles around. When a person or vehicle appears, the camera automatically triggers the white light, providing vivid color images with detailed information. This ensures overall security and flexibility for users.

**Product casing and specifications are subject to change without prior notice*

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Feature	Specification
Image Sensor	1/2.9" 8MP 4K Ultra-Low Illumination CMOS Image Sensor
Minimum Illumination	Colour 0.001 Lux@ F1.2; Black & White 0.001 Lux@ F1.2;- sOdbAGC OFF) Digital-widht dynamics;8db
Effective Pixels	3840(V) x 2160(H)
Shutter Speed	Auto/Manual, 1/3~1/100000s
White Balance	Auto: Natural/ Warm/ Incandescent/ Fluorescent lamp/ Manual : Custom/ LockedWb
Lens	2.8mm (3.6mm Optional)
Lens Type	Fixed-Focal
Mount Type	M12
Max. Aperture	F2.0
Iris Control	Fixed
Close Focus Distance	2.8mm-0.5 m , 3.6mm-0.8m
DORI Distance	3.6mm- 49.7m (Detect) 19.9m (Observe) 9.9m (Recognize) 5m (Identify) 2.8mm- 38.6m (Detect) 15.4m (Observe) 7.7m (Recognize) 3.9m (Identify)
Video Compression	Instastream/ H.265/ Smart H.264+/ H.264/ H.264B/ MJPEG (only supported by the sub stream)
S/N Ratio	>56dB
Angle of View	3.6mm, Horizontal(88°), Vertical(47°), Diagonal(104°) 2.8mm, Horizontal(102°), Vertical(54°), Diagonal(120°)
Resolution	(3840*2160) 8MP 4K; (2880*1624) 5MP; (2560*1440) 4MP; (2304*1296) 3MP; (1920*1080) 2MP; (1280*720) 1MP
Video Streaming	Main Steam 3840*2160(1-15fps), 2880*1624(1-20fps) 2560*1440(1-25fps), 2304*1296(1-30fps) Sub Steam 1280*720, 800*448, 704*576, 640*360, 352*288

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Feature	Specification
Back Light Compensation	DWDR
Mirror	Yes
Motion Detection	Off / On (Full Screen)
Privacy Mask	4 Area
ICR	Auto (ICR) / Color/B/W
Audio	Built-in Mic
Audio Compression	G.711A, G.711U
Vedio Bit Rate	H.265: (16Kbps - 4mbps)
Bit Rate	Variable / Constant
Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, RTPS, DDNS, NTP, POE, UPNP, SMTP
Ethernet	RJ-45 (10/100 Base T)
Alarm Event	Motion Detection, Human Detection, Video Tampering
Image Rotation	(3840x2160) 98° 5 MP
User/Host	6 users with total bandwidth 36M,
Smart Phone	IOS, Android, Windows
IR	IR Range of 20Mtr.
No of Warm led	2 Infrared, 2 Warm Leds

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Feature	Specification
Browser	IE - Plugin
Operating Temperature	-20°C to + 60°C
Storage Temperature	-20°C to + 60°C
Power Source	DC12V, PoE
Power Consumption	Basic; 1.5w (12VDC); 2W (PoE) Max. (ICR + H.265 + IR intensity); 3.1 W (12VDC); 4.1W (PoE)
Weatherproof Standard	IP65
Casing	Front Metal

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