



FEATURES

- 1/2.5" (8 MP) Progressive Scan CMOS
- Up to 3840 × 2160 Resolution
- 2.8 mm Fixed Lens
- EXIR 2.0 Range Up to 100 ft (30 m)
- H.265 / H.264
- IP67 Protection
- Durable Metal Housing
- Dark Gray or White Finish
- 12V DC $\pm 25\%$ (PoE 802.3af), maximum 5.5 W

SPECIFICATIONS

Camera	
Image Sensor	1/2.5" (8 MP) progressive scan CMOS
Minimum Illumination	Color: 0.8 lux @ (f/1.6, AGC on), 0 lux with IR
Shutter Speed	1/3 s to 1/100, 000 s
Auto-Iris	No
Day/Night	IR cut filter
Digital Noise Reduction	3D DNR
Angle Adjustment (Bracket)	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°
Lens	
Focal Length	2.8 mm
Aperture	f/1.6
Focus	Manual
FOV	2.8 mm, horizontal FOV 103°, vertical FOV 58°, diagonal FOV 123°
Lens Mount	M12
IR	
IR Range	Up to 100 ft (30 m)
Wavelength	850 nm
Maximum Resolution	3840 × 2160
Main Stream	15 fps 3840 × 2160, 30 fps (2560 × 1440, 1920 × 1080)
Sub-Stream	30 fps (704 × 576 □ 640 × 480, 640 × 360, 352 × 288)
Image Enhancement	BLC, 3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Day/Night Switch	Day / Night / Auto / Schedule
Network	
Network Storage	Supports local storage
Alarm Trigger	Motion detection, network disconnected, IP address conflict, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1x, QoS, IPv6

General Function	One-key reset, anti-flicker, two streams, mirror, password protection, privacy mask, IP address filter
API	ONVIF
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users; two levels: administrator and user
Web Browser	IE 8+
Interface	
Communication Interface	1-port RJ-45 10M/100M self-adaptive Ethernet port
SVC	H.264 and H.265 encoding
General	
Operating Conditions	-10° to 50° C; humidity: 95% or less (non-condensing)
Power Supply	12V DC ±25%, Ø5.5 mm coaxial power plug; PoE (802.3af, class 3)
Power Consumption and Current	12V DC, 0.5 A, maximum: 6.0 W; PoE (802.3af, 37 V to 57 V), 0.2 A to 0.1 A, maximum: 7.0 W
Protection Level	IP67, TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal
Dimensions	Ø127.823 × 83.41 mm
Weight	1.20 lbs (550 g)

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