

DS-2ZMN0407 (D) 4× 2MP 1/2.8" ICR Day/Night Zoom Camera Module



Hikvision DS-2ZMN0407 (D) 2MP ICR Day/Night Network Zoom Camera Module adopts 1/2.8" progressive scan CMOS chip. With the 4 × optical zoom lens, the camera module offers more details over expansive areas.

This series of camera modules can be used for different types of speed domes and PTZ cameras.

- 2MP 1/2.8" progressive scan CMOS
- Up to 1920×1080 resolution
- 4 × optical zoom; focal length 2.8mm to 12mm
- Min. illumination: Color: 0.05Lux @(F1.6, AGC ON), B/W: 0.01Lux @(F1.6, AGC ON)
- Zoom speed: 2.6 s
- IR cut filter with auto switch
- 3D DNR, low bitrate, digital WDR
- Small size and low power consumption
- Easy to connect to speed domes and PTZ cameras



Specifications

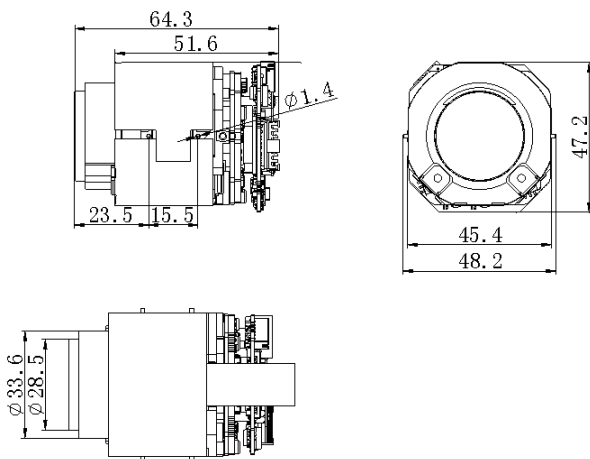
Camera Module	
Image Sensor	1/2.8" Progressive Scan CMOS
Video Compression	H.264, H.265
Audio Compression	G.722.1, G.711-a law, G.711-u law, MP2L2, G.726, PCM
Resolution	Main stream: 50HZ: 25fps (1920 × 1080, 1280 × 960, 1280 × 720), 60HZ: 30fps (1920×1080, 1280 × 960, 1280 × 720) Sub-stream: 50HZ: 25fps (704 × 576, 640 × 480, 352 × 288), 60HZ: 30fps (704 × 480, 640 × 480, 352 × 240)
Min. Illumination	Color: 0.05Lux @ (F1.6, AGC ON) B/W: 0.01Lux @ (F1.6, AGC ON)
S/N ratio	> 52dB
Day & Night	IR Cut Filter
Focus Mode	Auto, Semi-auto, Manual
Regional Focus	Yes
Exposure Mode	Auto/Iris Priority/Shutter Priority/Manual
Regional Exposure	Yes
Day & Night Mode	Auto/Color/BW/Scheduled-Switch/Triggered by Alarm Input
Shutter Time	1/1 s to 1/30,000 s
White Balance	Auto 1, Auto 2, Indoor, Outdoor, Manual, Sodium Lamp, Fluorescent Lamp
BLC	Yes
Gain	Auto, Manual
3D DNR	Yes
Video Bit Rate	32Kbps to 16Mbps
Heartbeat	Yes
Digital Zoom	12 ×
Lens	
Focal Length	2.8 mm to 12 mm, 4 × optical
Aperture Range	F1.6 to F2.7
Horizontal FOV	115° to 33.8° (Wide-Tele)
Min. Working Distance	100 mm to 1500mm (Wide-Tele)
Zoom Speed	Approx. 2.6 s (Optical, Wide-Tele)
Function	
Image Enhancement	WDR, HLC
Smart Encoding	Low bit rate, ROI
Exception Detection	Illegal Login
Power-off Memory	Yes
Smart Detection	Motion Detection, Video Tampering Detection, Audio Exception Detection, Line Crossing Detection, Intrusion Detection
Network	
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, Bonjour
API	Open-ended, support ONVIF and ISAPI, support HIKVISION SDK and third-party management platform
Web Browser	IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Safari 11+
Simultaneous Live View	Up to 20 channels
User	Up to 32 users; 3 levels: administrator, operator, and user
Security Measures	User authentication (ID and PW); host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control
Interface	
Power Interface	DC12V ±10%
Communication Interface	10 M/100 M Ethernet interface
Audio I/O	1-ch audio input and 1-ch audio output
Alarm I/O	1-ch alarm input and 1-ch alarm output
Video Output	Yes
SDI Output	No
RS-485	Yes

On-board Storage	Yes (no on-board MicroSD card socket)
Interface	36pin FFC (including network interface, RS485, RS232, CVBS, SDHC, alarm in/out, line in/out, power supply)
Communication	RS232 interface, HIKVISION protocol, RS485 interface, Pelco protocol
General	
Operating Conditions	Temperature: -10 °C to 60 °C (14°F to 140°F) Humidity: <90%
Power Consumption	Static: 2.5W Dynamic: 4.5W
Dimension	48.2mm×47.2mm×64.3mm (1.89"×1.85"×2.53")
Weight	150g (0.33lb)

Order Model

DS-2ZMN0407 (D)

Dimensions



Distributed by

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