

iDS-2ZMN2507R(B) 2 MP 25 × Network Zoom Camera Module



Hikvision iDS-2ZMN2507R 2 MP 25 × Network Zoom Camera Module adopts 1/2.8" progressive scan CMOS chip. With the 25× optical zoom lens, the camera module offers more details over expansive areas.

This series of camera modules can be used for different types of PTZ cameras and positioning systems.

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- 25 × optical zoom, focal length 4.8 mm to 120 mm
- Min. illumination: Color: 0.05 Lux @ (F1.6, AGC ON)
- IR cut filter with auto switch
- Smart events: intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
- Face capture
- Quick and accurate focus
- 120 dB WDR, 3D DNR
- Efficient H.265 compression technology
- Multiple interfaces for extended functionality
- Network output
- Small size and low power consumption
- Easy to connect to PTZ cameras and positioning systems
- Seamless access to mainstream platforms and other network devices

▪ Specification

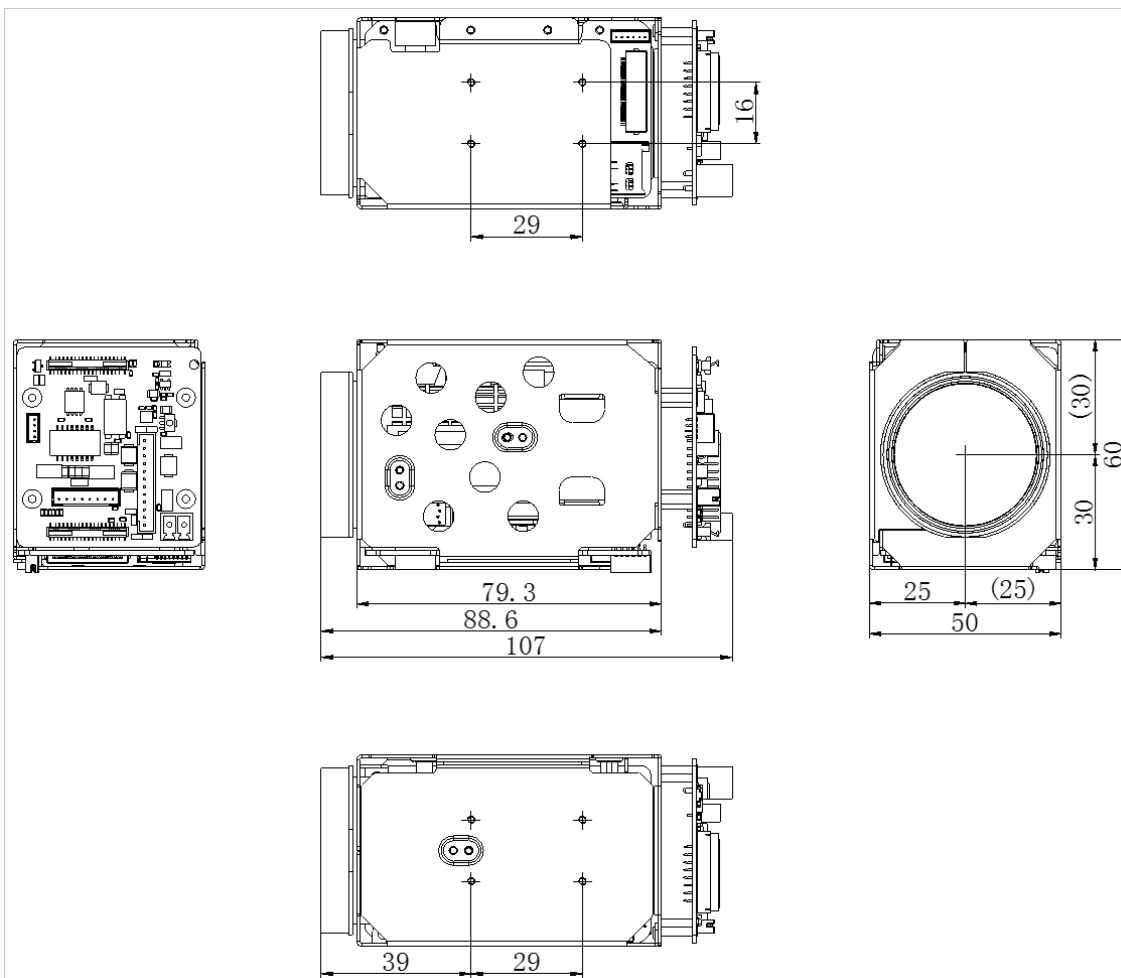
Camera Module	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.05 Lux @ (F1.6, AGC ON); B/W: 0.01 Lux @ (F1.6, AGC ON)
Resolution and Frame Rate	Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) Sub-Stream 50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288); 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240) Third Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Compression	H.264/H.265
Audio Compression	G.722.1, G.711alaw, G.711ulaw, MP2L2, G.726, PCM
White Balance	auto, ATW, sodium lamp, fluorescent lamp, indoor, outdoor, MWB, Locked WB
Gain Control	Auto/Manual
SNR	>52 dB
3D DNR	yes
BLC	yes
Regional Focus	yes
Shutter	1/1 s to 1/30,000 s
Day & Night	Auto/Color/BW/Triggered by Alarm Input/Scheduled-Switch
Digital Zoom	12 ×
Privacy Mask	up to 8 masks
Focus	auto, semi-auto, manual
Regional Exposure	yes
Day/Night Switch	ICR
Video Bit Rate	32 kbps to 16384 kbps
Heartbeat	yes
Exposure Mode	auto, iris priority, shutter priority, manual
Lens	
Focal Length	4.8 mm to 120 mm, 25 × optical
Zoom Speed	Approx. 3.6 s (Optical, Wide-Tele)
Aperture	F1.6 to F3.5
Function	
Image Enhancement	120 dB WDR, HLC, BLC, EIS
Smart Encoding	low bit rate, ROI
Exception Detection	illegal login
Power-off Memory	yes
Smart Detection	intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Face Capture	yes
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 API, ONVIF, PSIA, CGI, Hikvision SDK, Third-party management platform, ISUP, Hik-Connect
Web Browser	IE 10-11, Chrome 57+, Firefox 52+, Safari 12+
Simultaneous Live View	Up to 20 channels
User	Up to 32 users. 3 levels: Administrator, Operator and User
Security Measures	Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access
Interface	
Power Interface	12 VDC $\pm$ 10%
Communication Interface	10 M/100 M Ethernet interface
Audio I/O	1 audio input, 1 audio output
Alarm I/O	1 alarm input, 1 alarm output
Video Output	no
SDI Output	no
RS-485	yes
On-board Storage	Micro SD/Micro SDHC/Micro SDXC card, up to 256 GB
Interface	36pin FFC (including network interface, RS485, RS232, SDHC, alarm in/out, line in/out, power supply)
Communication	RS232 interface, HIKVISION protocol, RS485 interface, Pelco protocol
General	
Power Consumption	Static: 5 W, Dynamic: 7 W
Operating Conditions	Temperature: -10 °C to 60 °C (14°F to 140°F) Humidity: $\leq$ 90%
Dimensions	50 mm $\times$ 60 mm $\times$ 107 mm (1.97" $\times$ 2.36" $\times$ 4.21")
Weight	Approx. 281 g (0.62 lb.)
Lens	
FOV	Horizontal field of view: 57.6° to 2.5°, vertical field of view: 34.4° to 1.4°, diagonal field of view: 64.5° to 2.9°

▪ Available Model

iDS-2ZMN2507R(B)

▪ Dimension



See Far, Go Further



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