

## iDS-2ZCN2507N(B) 2 MP 25 × Network Zoom Camera Module



Hikvision iDS-2ZCN2507N(B) 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
- 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)
Horizontal FOV	57.6° to 2.5° (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, 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%, PoE
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
RS-485	yes
On-board Storage	Micro SD/Micro SDHC/Micro SDXC card, up to 256 GB
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	74.3 mm $\times$ 81.1 mm $\times$ 142 mm (2.93" $\times$ 3.19" $\times$ 5.59")
Weight	Approx. 635 g (1.4 lb.)

### ▪ Available Model

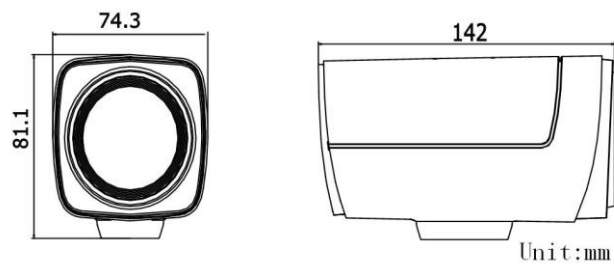
iDS-2ZCN2507N(B)

### Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

**Dimension****Accessory****Optional**

DS-1293ZJ	DS-1292ZJ	DS-1331HZ-CZ
		

Distributed by

**HIKVISION®****Headquarters**

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com