



# 4MP Dome IP Camera - Fixed Lens - Smart IR - HLC - IK10 IP67 Rated - 2.8mm/ 4mm Lens

SCD-4DM100-xyy - Specifications

## Description

This 4MP indoor/outdoor, IP based dome camera provides a sharp, high definition images in daylight or nighttime settings. The camera is available in 2.8mm and 4mm fixed lens which delivers a 97 ° and 79 ° horizontal field of view respectively. Its maximum resolution is 2560\*1440 at 25/20fps and supports Ultra 265 video compression technology, which assures savings in bandwidth and storage. The camera is IP based with integrated PoE technology which makes for a quick and easy installation over a single CAT5e/CAT6 cable. Its housing is IK10 vandal-resistant and IP67 rated for outdoor use, and has 98 feet of night vision using an IR cut filter and IR LEDs.

## Camera

Image Sensor	1/3" (4 MP) progressive scan CMOS
Minimum Illumination	Color: 0.01 lux @ (f/2.0, AGC on) 0Lux with IR
Shutter Speed	Auto/Manual, 1 ~ 1/100000s
Slow Shutter	Yes
Day /Night	IR cut filter with auto switch (ICR)
S/N	>56dB
WDR	DWDR
Adjustment Angle	Pan: 0° ~ 360° , Tilt: 0° ~ 75° , Rotate: 0° ~ 360°

## Lens

Lens Type	2.8mm and 4.0mm @ 2.0, Fixed-focal
Lens Mount	M12
Angle of View (H)	97.0° (2.8mm), 79.0° (4mm)
Angle of View (V)	52.2° (2.8mm), 42.3° (4mm)
Angle of View (O)	107.5° (2.8mm), 85.1° (4mm)

## DORI

DORI Distance	2.8mm Lens, 63.0m Detect, 25.2m Observe, 12.6m Recognize, 6.3m Identify 4.0mm Lens, 90.0m Detect, 36.0m Observe, 18.0m Recognize, 9.0m Identify
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## IR

IR Range	Up to 30m (98ft)
Wavelength	850 nm
IR On/Off Control	Auto/Manual





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### Video

Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream:D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Video Bit Rate	128 Kbps~6144 kbps
U-code	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas

### Image

White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Image Setting	Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°
Dewarping	N/A
HLC	Supported
BLC	Supported
Defog	Digital Defog

### Events

Behavior Detection	Cross line, intrusion(based on human body detection) Motion detection, tampering alarm
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication

### Interface

Network	1 * RJ45 10M/100M Base-TX Ethernet
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### Storage

Edge Storage	Micro SD, up to 128GB
Network Storage	ANR, NAS(NFS)



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### Network

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, SSL/TLS, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API , SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	EZStation EZView EZLive
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+

### Certification

EMC	FCC: FCC Part 15
Safety	CE: EN 60950-1 UL: UL60950-1 IEC 60950-1

### General

Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 4.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions(Ø x H)	Φ118 x 97mm (Φ4.6" x 3.8")
Weight	0.30kg (0.66lb)
Material	Metal + Plastic
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	N/A
Ingress Protection	IP67