



IK-D2703NR-B

2MP IR Fixed Dome Network Camera

Key Features

- 1/2.8" progressive scan CMOS
- Max. 2MP(1920×1080) @25/30fps resolution
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, illegal parking, smart motion detection and people counting
- Built-in SD card slot, up to 1TB Micro SD card
- Smart IR distance up to 30m
- IP67, IK10 protection

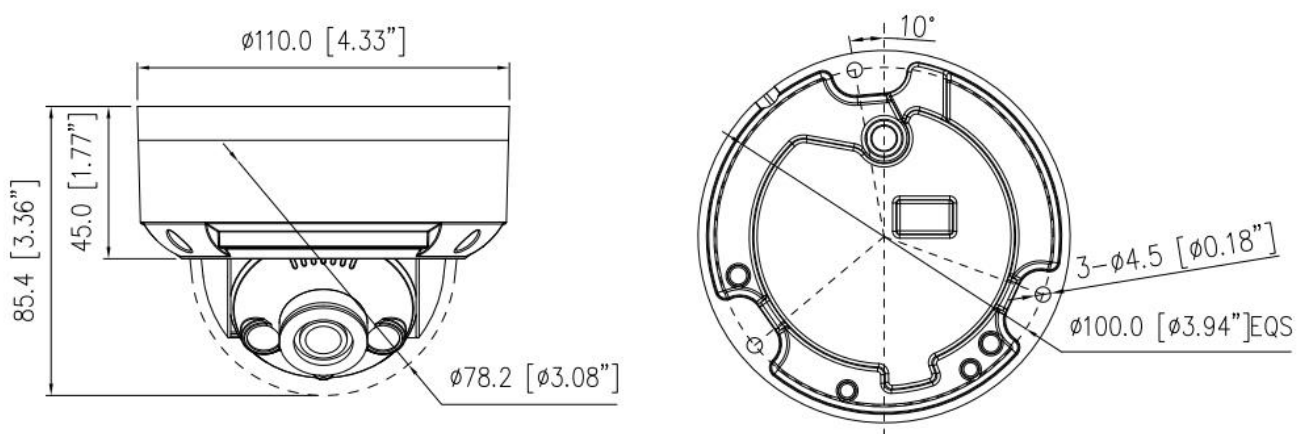
Specification

Camera				
Image Sensor	1/2.8" Progressive Scan CMOS			
Max. Resolution	2MP, 1920(H) × 1080(V)			
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s			
Min. illumination	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR			
Day & Night	IR cut filter			
Wide Dynamic Range	True WDR			
Angle Adjustment	Pan: 0° to 335°, Tilt: 0° to 75°, Rotation: 0° to 350°			
Lens				
Lens Type	Fixed focal			
Iris	Fixed Iris			
Focal Length	2.8 mm, 4 mm optional			
Max. Aperture	F2.0 / F1.6			
Field of View (FOV)	2.8 mm: - H: 101.3°, V: 54.4° 4 mm: - H: 88.1°, V: 44.8°			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8 mm	48 m (157.5 ft)	19.2 m (63 ft)	9.6 m (31.5 ft)	4.8 m (15.7 ft)
4 mm	60 m (196.9 ft)	24 m (78.7 ft)	12 m (39.4 ft)	6 m (19.7 ft)
DORI (Detect, Observe, Recognize, and Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances.				
Illuminator				
Illuminator Type	IR			
Illumination Distance	Up to 30 m (98.4 ft)			
Illumination On/Off Control	Auto/Manual			
IR wavelength	850 nm			
Intelligent Analytics				
Multi-Object Detection	Supports face, human, vehicle detection			
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection			

	Support alarm triggering by specified target types (human and vehicle)
People Counting	Supported
Video and Audio	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, CIF @ 25/30fps Stream3: VGA, CIF, QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200 Kbps to 12 Mbps Stream2: 100 Kbps to 6 Mbps Stream3: 100 Kbps to 3 Mbps
Region of Interest	Off/On (8 areas, Rectangle)
Smart Encode	Supported
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Mode	Indoor, Outdoor, Mirror, Corridor mode
Exposure Mode	Auto, Manual, Shutter priority
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day, Night, Timer
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, WDR
Privacy Masking	4 areas
Event	
Alarm Triggers	IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection
Event Actions	Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output
Network	
Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
Max Concurrent Streams	10 channels
User/Host Level	32+ users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge

Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
SD Card Slot	Built-in, up to 1TB
Reset Button	Supported
General	
Language	English, Chinese, Traditional Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Japanese, Korean. Default: English
Power Supply	12 VDC (-15% to +25%)/PoE (802.3af)
Power Consumption	Typical: 2.0 W (IR off, 12 VDC) / approx. 2.5 W (PoE) Max: 4.5 W (IR on, 12 VDC) / approx. 5.7 W (PoE)
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67, IK10
Certifications	CE-EMC - EN 55032, EN IEC 61000-6-3, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4 FCC 47 CFR Part 15 Subpart B
Material	Aluminum alloy body, bubble: plastic
Dimensions	φ110 × 85.4 mm (φ4.33 × 3.36 inch)
Net Weight	Approx. 0.43 kg (0.95 lb)

Dimensions (mm)



Accessories

Optional:

IK-AJ56 Junction Box	IK-ACC02 Pendant Cap	IK-AC02 Ceiling Bracket	IK-AW01 Corner Mount
			
IK-AW02 Wall Mount	IK-AP01 Pole Mount	IK-ACR02 Corner Mount	
			

