



# IK-T12607NC-B

**12MP Smart Dual Light Active Deterrence  
Turret Network Camera**

## **Key Features**

- 1/2.5" progressive scan CMOS
- Max. 12MP(4512×2512) @20fps resolution
- Support face, human, vehicle detection and capture
- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way detection, illegal parking, area people limit, perimeter detection, and smart motion detection
- Integrated red & blue warning lights with sound-light alarm function
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Built-in IR and warm LEDs, illumination distance up to 30m
- Built-in microphone and speaker
- Built-in microSD card slot (up to 1 TB)
- IP66 protection

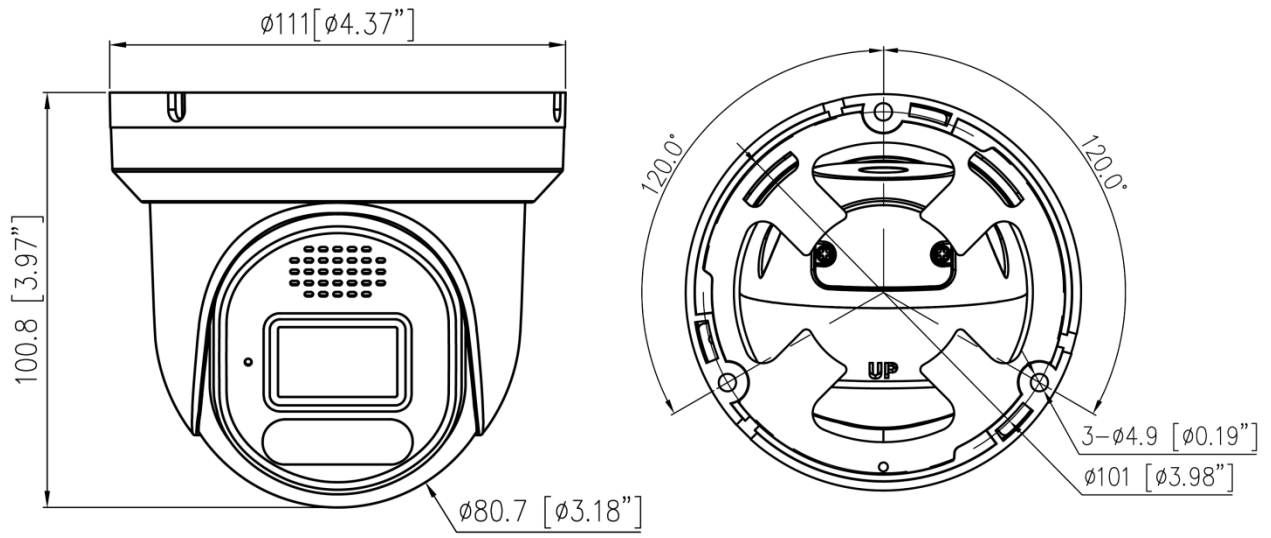
## Specification

Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Max. Resolution	12MP, 4512(H) × 2512(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 Light on
Day & Night	IR cut filter
Wide Dynamic Range	True WDR
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 85°, Rotation: 0° to 360°
Lens	
Lens Type	Fixed focal
Iris	Fixed Iris
Focal Length	2.8 mm
Max. Aperture	F1.6
Field of View (FOV)	H: 102.9°, V: 52.1°
DORI Distance	
Detect	107 m (351.1 ft)
Observe	42.8 m (140.4 ft)
Recognize	21.4 m (70.2 ft)
Identify	10.7 m (35.1 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, Warm light
Illumination Distance	IR distance up to 30 m (98.4 ft) Warm light distance up to 20 m (65.6 ft)
Illumination On/Off Control	Auto/Manual
IR wavelength	850 nm
Intelligent Analytics	
Multi-Object Detection	Supports face, human, vehicle detection and capture
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way detection, Illegal parking, Area people limit, Perimeter detection, and Smart motion detection

	Support alarm triggering by specified target types (human or vehicle)
People Counting	Supported
<b>Video and Audio</b>	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 4512×2512, 3840×2160, 2592×1944, 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @20fps Stream2: D1, VGA, CIF @ 20fps Stream3: VGA, CIF, QVGA @ 20fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200 Kbps to 20 Mbps Stream2: 100 Kbps to 6 Mbps Stream3: 100 Kbps to 3 Mbps
Region of Interest	Off/On (8 areas, Rectangle)
Smart Encode	Supported
Audio Compression	G.711 A-law, G.711 $\mu$ -law, RAW_PCM
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
<b>Image</b>	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Setting	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	WDR, HLC, BLC, Defog
Privacy Masking	4 areas
<b>Event</b>	
Alarm Triggers	IVS, Motion detection, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Event Actions	Alarm record, FTP upload, SMTP upload, Audible alarm output, White light alarm output, Red and blue light alarm
<b>Network</b>	
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
<b>Interface</b>	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Built-in Microphone	Supported
Built-in Speaker	Supported
SD Card Slot	Built-in, up to 1 TB
Reset Button	Supported
<b>General</b>	
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: 3.8 W (12 VDC) / approx. 4.75 W (PoE) Max: 10.8W (IR ON, 12 VDC) / approx. 13.5 W (PoE)
Operating Temperature	-35°C to 55°C (-31°F to 131°F )
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE-EMC - EN 55032, EN IEC 61000-6-4, 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, Decoration ring: ABS
Dimensions	φ111 × 100.8 mm (φ4.37 × 3.97 inch)
Net Weight	Approx. 0.44 kg (0.97 lb)

## Dimensions (mm)



## Accessories

### Optional:

IK-AJ46M Junction Box	IK-ACC03 Pendant Cap	IK-AC02 Ceiling Bracket	IK-AW01 Corner Mount
			
IK-AW02 Wall Mount	IK-AP01 Pole Mount	IK-ACR02 Corner Mount	
			

