CITY SCAN
TECH



Intelli Plus Series

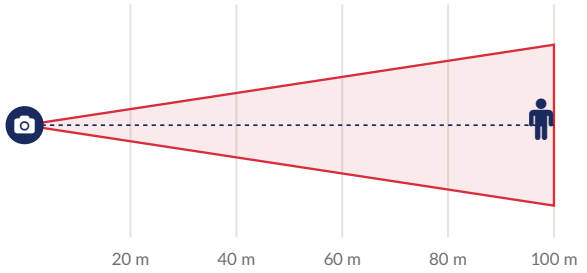
CS-IAI+B8M8-32

8 MP AI Motorized Bullet Network Camera

Flagship 4K AI bullet with 8–32 mm fast motorized zoom, dual-light 100 m IR / 30 m warm light, audio & light alarm, LPR up to 120 km/h and IP67 / IK10 protection.

COVERAGE

8–32 MM · 40° HFOV · 100 M IR



AI HIGHLIGHTS

- Face recognition
- License plate · up to 120 km/h
- Audio & light alarm
- Line crossing & intrusion

8MP
8 MP 4K Resolution

8–32 mm Motorized Zoom

100 m IR Night Vision

Dual Light · IR + Warm

Audio & Light Alarm

Face Recognition

PoE Powered

IP67
IK10 · NEMA 4X

KEY FEATURES

- 1/1.8” progressive CMOS, 8 MP 4K
- 3840 × 2160 @ 30 fps real-time output
- 8–32 mm fast motorized zoom, precise iris
- 120 dB WDR · BLC · strong-light suppression
- Dual light: 100 m IR / 30 m warm light
- RS-485 & Wiegand · 2 alarm in / 2 out

IDEAL FOR

- Retail stores
- Offices
- Villas
- Warehouses
- Entrances
- Parking areas

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— SECTION 01

Technical Specifications

REFERENCE
CS-IAI+B8M8-32
8 MP · AI

01 Imaging

Image Sensor	1/1.8" Progressive Scan CMOS
Effective Pixels	8 MP · 3840 (H) × 2160 (V)
Min. Illumination	Colour 0.0008 lux @ F1.7 (AGC ON) · 0 lux with IR
Image Setting	Full Colour / Day & Night / Smart Illumination
Wide Dynamic Range	120 dB WDR
Noise Reduction	3D DNR
Image Enhancement	BLC · strong-light suppression · ROI (region of interest)
Iris Type	Precise iris
White Balance	Auto / Manual
Shutter	1/5 – 1/20,000 s

02 Lens

Lens Type	AI & motorized zoom (fast zoom)
Focal Length	8 – 32 mm
Aperture	F1.7 – F1.76
Field of View	H 40° – 14° · V 27° – 10° · D 49° – 17° (W – T)
Min. Object Distance	W 1.5 m – ∞ · T 2.5 m – ∞

03 Illumination

IR Illumination	8 LEDs · up to 100 m
Warm Light	4 LEDs · up to 30 m
Default Illumination	Warm light · switchable to infrared · 24/7 all-weather colour images

04 Video

Compression	H.265 / H.264 / H.265+ / H.264+ / MJPEG
Main Stream	@ 30 fps: 8MP (3840×2160) · 5MP (3072×1728, 2592×1944) · 4MP (2592×1520) · 3MP (2304×1296) · 1080P (1920×1080) · 720P (1280×720)
Sub Stream	@ 30 fps: 1080P (1920×1080) · 720P (1280×720) · VGA (640×480)
Mobile Stream	@ 30 fps: VGA (640×480) · QVGA (320×240)
Bitrate	256 Kbps – 16 Mbps
Bitrate Control	CBR / VBR
Motion Detection	Off / On (8 levels)

05 Audio & Smart

Audio	1 in / 1 out · built-in microphone · built-in speaker · customizable voice
Alarm	2 in / 2 out · audio & light alarm
Interfaces	RS-485 & Wiegand
Edge Storage	MicroSD slot, up to 256 GB
Hardware Reset	Yes
AI Analytics	Face Recognition · Pedestrian & Vehicle · Line Crossing · Object Detection · Crossing Counting · Heat Map · Crowd Density · Queue Length · License Plate (up to 120 km/h) · Rare Sound · Intrusion · Region Entrance · Region Exiting

06 Network

Ethernet	RJ45 (10/100BASE-T)
IP Version	IPv6
Protocols	TCP/IP · HTTP · HTTPS · DHCP · DNS · DDNS · RTP/RTSP · SMTP · NTP · UPnP · SNMP · FTP
Compatibility	ONVIF Profile S / G / T
Security	IP address filter · Complex password · Authenticated username & password
Web Viewer	IE 10 / 11 · Safari 12.1+ · Firefox 52+ · Chrome 57+ · Edge 79+

07 Electrical

Power Supply	DC 12 V / PoE
Power Consumption	DC 12 V max 10.24 W · PoE (48 V) max 12.28 W

08 Mechanical

Dimensions	See dimensional drawing
Body Material	Metal
Ingress Protection	IP67 · IK10 · NEMA 4X

09 Environmental

Operating Conditions	−35 °C to +60 °C · ≤ 90% RH

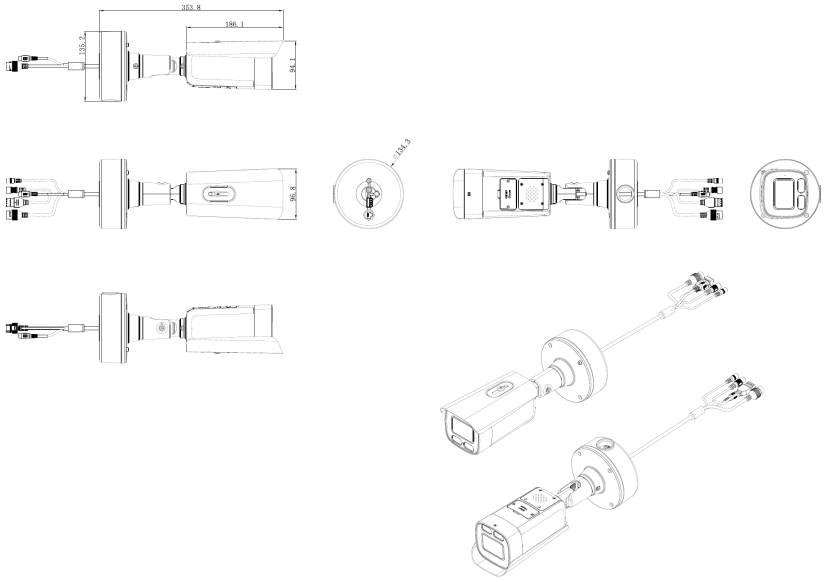
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— SECTION 02

Dimensions, Build & Ordering

DRAWING
ALL UNITS MM
TOL ±0.5

FIG 01 · DIMENSIONAL DRAWING



In the Box

- Bullet camera unit
- Self-adhesive mounting template
- Wall plug & screw kit
- Waterproof RJ-45 connector
- Quick-start guide
- Warranty card

Ordering Information

SKU / MODEL CODE
CS-IAI+B8M8-32

Intelli Plus · 8 MP AI Motorized Bullet, 8–32 mm, PoE, IP67

REGULATORY & CERTIFICATIONS

CE · FCC · ROHS · ONVIF

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