



Smart AI | Wide Angle | IR Night Vision | NDAA

- ❖ 4MP CMOS Sensor
- ❖ 95° Wide View
- ❖ 25m IR Night Vision
- ❖ Smart Human Detection
- ❖ Built-in Microphone
- ❖ IP66 Weatherproof

Smarter Surveillance, Built for Real-World Security.

Security should be simple and effective. The IQCCTV® IQC04BFW delivers high-quality 4MP surveillance with intelligent motion detection and clear night vision. Ideal for homes, small businesses, and commercial properties, this smart IP bullet camera reduces false alerts, enhances visibility, and offers reliable performance day and night.

Features

- **Smart AI Motion Detection**
Detects only human motion, reducing false alarms from animals or movement in trees.
- **Real-Time Alerts & Playback**
Instant notifications, snapshot emails, cloud uploads via mobile app (iOS/Android).
- **2K 4MP HD Resolution**
Sharp 2560x1440 video for detailed footage and identification.
- **Built-In Microphone**
Clear audio monitoring for added security.
- **Intrusion Detection (AI)**
Up to 4 Customisable zones for human motion and intrusion alerts.
- **4MP CMOS Sensor**
Crisp image quality with improved low-light performance.
- **IR Night Vision**
Infrared illumination up to 25m ensures visibility in total darkness.
- **PoE Simplicity**
Single cable for power & data. Easy installation, reliable connection.
- **95° Wide-Angle Lens**
Eliminates blind spots, perfect for large areas.
- **NVR Integration**
Plug & play with IQCCTV NVRs. 24/7 recording, remote access, scalable system.
- **IP66 Weatherproof**
Durable polycarbonate housing for dependable outdoor performance in all weather.

Compliance

Specifications

Resolution	4MP (2560 × 1440)
Image Sensor	1/3" Progressive Scan CMOS
Video Compression	H.264 / H.264+ / H.265 / H.265+ / MJPEG
Lens Type	2.8 mm Fixed Lens
Viewing Angle	Horizontal FOV up to 95°
Night Vision	Infrared (IR) up to 25 m for clear images in darkness
Minimum Illumination	Colour: 0.04 Lux @ (F2.0, AGC ON); 0 Lux with IR for B/W mode
Supplemental Lighting	2× IR LEDs
Electronic Shutter Speed	Auto (1/3 – 1/100,000 sec)
Wide Dynamic Range (WDR)	DWDR (Digital Wide Dynamic Range)
Backlight Compensation (BLC)	Supported
Day/Night Operation	True Day/Night with IR Cut Filter
Noise Reduction	3D Digital Noise Reduction (3D DNR)
Image Enhancements	Anti-Flicker, Highlight Compensation (HLC)
Privacy Masking	3 Configurable Zones
Video Streams	Main Stream: 2560×1440@25fps, 1920×1080@25fps, 1280×720@25fps Sub-Stream: 720×480@25fps, 640×360@25fps, 352×288@25fps
Audio	Built-In Microphone; Audio Compression: G.711A/U, AAC
Smart AI Analytics	Intrusion Detection (human-based), Human Motion Detection
Intrusion Detection Zones	Up to 4 Customisable Zones
Detection Settings	Adjustable trigger (1–10 seconds)
Motion Detection	Human-specific detection supported
Network Interface	RJ-45 Ethernet (10/100 Base-T)
Power Source	PoE (IEEE 802.3af) or 12V DC ±10%
Protocol Support	TCP/IP, IPv4/v6, HTTP/HTTPS, FTP, DHCP, DNS/DDNS, RTP/RTSP, SMTP, NTP, UDP, SNMP, QoS, PPPoE, 802.1x
ONVIF Compatibility	ONVIF 19.12 (Profile S/T)
Housing Material	Polycarbonate
IP Rating	IP66 Weatherproof
Operating Temperature	–20°C to +50°C (RH95% Max)
Dimensions (W × H × D)	174 mm × 68 mm × 70 mm
Weight	295 g
Compliance	PSTI, CE, UKCA, ROHS

What's in the box



- IQCCTV® IQC04BFW 2K 4MP IP Bullet Camera
- Drill Template
- Quick Start Guide
- Allen Key
- Mounting Screws and Wall Plugs
- Waterproof Ethernet Connector Set
- DC Socket Cover (for weatherproof cable installation)

Accessories



IQJB01 Junction Box