

3MP Black Light Bullet AI IP Camera

Model: EV-IPC2500B-HQ

AI IPC, S265 3MP bullet camera (metal front panel, plastic body), 5 AI smart IP camera with black light full-color night vision, built-in microphone & speaker, and built-in PoE. Delivering resolution up to 2304×1296 @20fps with low bit rate and low latency, ICR auto day/night switching, and 5 built-in AI detection functions, it's engineered for clear, full-color surveillance even in near-total darkness.



Key Features

- Resolution up to 3MP (2304×1296@20fps), 2MP (1920×1080@25fps)
- Built-in AI intelligent algorithm; supports 5 AI functions: line-crossing detection, staff absence, loitering, area intrusion, vehicle illegal parking
- Supports low bit rate and low latency
- S265/H.265 efficient compression, saving bandwidth and storage space
- Supports black light full-color night vision
- ICR filter-type automatic switching for true day and night monitoring
- Built-in PoE, built-in Mic & Speaker
- 3D digital noise reduction
- Automatic electronic shutter to adapt to different monitoring environments
- Supports ONVIF and SLINK protocol

Technical Specification

Category	Item	Specification
Basic Parameter	Model	EV-IPC2500B-HQ
	Smart Function	5 AI function
	Main Chipset	T33
	Image Sensor	1/2.9", 2MP progressive scan ultra-low illumination CMOS
	Effective Pixels	3MP
	Min. Illumination	Color: 0.0001Lux@F1.0; B&W: 0Lux@F1.0 (IR on)
	Lens	F1.0 4mm lens
	IR Distance	15–20M (10pcs lamps)
	Noise Reduction	3D noise reduction
	WDR	DWDR (Off / Low / Medium / High)
	Mirror	Off / Horizontal mirroring / Vertical mirroring / 180° rotation
	Image Setting	Brightness / Contrast / Sharpness / Saturation / Chroma
5 AI Function	Line-crossing Detection	Alarm triggers when someone crosses the drawn warning line
	Staff Absence	Alarm triggers when someone leaves the area longer than the set time
	Loitering	Alarm triggers when someone stays in the area longer than the set time
	Area Intrusion	Alarm triggers when someone enters the set area
	Vehicle Illegal Parking	Alarm triggers when a vehicle parks longer than the set time in a no-parking area
Video and Audio Coding	Encoding Format	S265 / H.265 / H.264
	Coding Characteristics	Main stream: 3MP 2304×1296@20fps, 2MP 1920×1080@25fps, 720P 1280×720@25fps Sub stream: D1 (720×576), VGA (640×480), Q720P (640×360), CIF (352×288), 320×240
	Video Bit Rate	Fixed bit rate, variable bit rate (1280kbps–4Mbps)
	Video Type	Composite stream / Video stream

Category	Item	Specification
	Audio Coding Standard	G.711U / 64Kbps
Network Function	Network Interface	1 × RJ45 10M/100M self-adaptive LAN port
	Network Protocol	TCP/IP, UDP, HTTP, DHCP, RTSP, NTP
	Interface Protocol	ONVIF
Port	Network Interface	RJ45 10M/100M network adaptive
	PoE	Built-in PoE
	Audio	Built-in Mic & Speaker
General	Operation T/H	-20°C ~ 50°C / 0%~90%
	Waterproof	IP66
	Power Supply	DC 12V / PoE
	Power Consumption	< 10W (MAX)
	Dimension (mm)	Equipment: 91.01(W) × 96.05(H) × 193.21(L)mm (not with bracket) Packing: 140mm(W) × 115mm(H) × 255mm(L)
	Weight/PCS (g)	N.W.: 480g Packing: 540g
	Outside Carton	24pcs/carton; 500mm × 440mm × 490mm; Weight: 13.1kg