

EL2 Bullet Camera

Rugged 2MP IR bullet with video analytics



The **EL2 IR Bullet Camera** from March Networks brings 2MP resolution and active IR illumination to deliver high-quality images in a variety of lighting conditions. The camera features a set of powerful video analytics including tripwire, intrusion detection, loitering detection, and abandoned object, and is rated for indoor and outdoor use with a housing designed to be weather-proof (IP66) and vandal-resistant (IK10).

Key Benefits

▼ Built-In Video Intelligence

- **Abandoned Object** - an alarm is triggered if an object remains in one spot for too long.
- **Loitering Detection** - an alarm is triggered when people remain in an area for too long.
- **Tripwire** - an alarm is triggered when a person or object crosses the defined line.
- **Intrusion Detection** - an alarm is triggered when people or vehicles enter a specific area.
- **Object Removal** - an alarm is triggered if an object is removed from an area.

▼ **Rugged housing.** The IK10, vandal-resistant design withstands impact on the body of the housing, and the IP66 rating protect the camera from dust and water intrusion.

▼ **Smart IR Illumination.** The built-in LED provides uniform illumination in a variety of lighting conditions, which means users will see high-quality, low-noise video from 30 m (98 ft). Additionally, the camera automatically adjusts the intensity of the IR LED to compensate for the distance of an object, so the object is not overexposed when it gets too close to the camera.

▼ **Never worry about losing video again.** Our cameras can record to internal microSDHC cards or NAS devices, giving you redundant recording in the event of a network outage or power failure.

*A cost-effective camera that delivers high-quality images
in a variety of lighting and weather conditions.*

EL2 IR Bullet Camera

CAMERA

Image Sensor	1/2.7" CMOS
Effective Pixels	2MP (1920x1080)
High Dynamic Range (HDR)	120 dB
S/N Ratio	60dB
Day/Night	Automatic IR cut filter
Minimum Illumination	Color: 0.03 lux; IR On: 0 lux
IR Wavelength	850 nm
IR Illumination Distance	30 m (98.42 ft)
Shutter Speed	1/5-1/32000
Camera Angle Adjustment	Tilt = 90° Rotation = 180°
White Balance	Manual/Automatic

LENS

Optical Zoom	5x
Lens	2.7-13.5 mm, F1.6 -3.1, fixed Iris
Field of View	H = 111° - 32.2°, V = 57° -18°, D = 136° -37°

VIDEO

Video Compression	H.265, H.264, MJPEG
Resolution	2MP 1080p (1920x1080), 1.4MP 900p (1600x904), WXGA (1360x768), 1MP 720p (1280x720), 640x360
Frame Rate	Up to 30fps @ 2MP
Streaming	Up to three individually configurable streams in H.265, H.264, MJPEG Configurable resolution/frame rate/bandwidth
Image Settings	Backlight compensation, white balance, noise reduction, wide dynamic range, privacy mask, brightness, exposure, sharpness, contrast, saturation, smart IR, day/night threshold

AUDIO

Audio Streaming	Full Duplex (two-way), stereo
Audio Compression	G.711/G.726
Audio Input/Output	Built in Mic, Line in/line out

OPERATIONAL

Pan/Tilt/Zoom	Digital PTZ via Command
Zoom	5X Optical Zoom, 8x Digital Zoom
Smart Motion Detection	Yes

NETWORK

Security	Password protection, HTTPS Encryption, IEEE 802.1X
Supported Protocols	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, QoS, ONVIF-S/G/T, SNMPv1/v2/v3

SYSTEM INTEGRATION

Video Analytics	Video motion detection, active video tampering, abandoned object, loitering detection, tripwire, intrusion detection, object removal
Alarm Trigger	Video analytics, audio detection, Smart Motion Detection
Alarm Events	Video recording to local storage

ELECTRICAL

Power	12 V $\approx$ 0.62 A 37-57 V $\approx$ 0.21-0.136 A (PoE 802.3af, Class 0)
Power Consumption	12 V $\approx$ max. 7.44 W (IR on), PoE max. 7.77 W (IR on)

PHYSICAL

Construction	Metal
Dimensions (LxWxH)	195 x 85 x 85 mm (7.67 x 3.34 x 3.34 in) Stand Base Diameter: Ø91 mm (Ø3.58 in)
Weight	757 g (1.66 lb)

ENVIRONMENTAL

Operating Conditions	-30 °C to +50 °C (-22 °F to +122 °F) IR On -30 °C to +60 °C (-22 °F to +140 °F) IR Off*
Humidity	10-90% RH, non-condensing
Ingress Protection Rating	IP66, IP67
Impact Rating	IK10

GENERAL

Local Storage	MicroSD/SDHC/SDXC Card Slot
LED Indicator	Power, Activity
Included Accessories	Quick Start Guide, Installation Sticker, Screw Packs, Cable Gland, L-Wrench, Rubber Cap

USER CONNECTIONS

Alarm	Digital Input x 1, Digital Output x 1
Audio	3.5 Stereo Jack x 2
Ethernet	RJ45 10/100 Base-T
Power	DC Jack (Barrel Plug), RJ-45 PoE

REGULATORY

Regulatory Model	C5301A
Safety	UL 62368-1, CSA 62368-1, IEC/EN 62368-1
EMC	EN 55032, EN 61000-3-2, EN 61000-3-3, FCC part 15, Subpart B, ICES-003, CISPR 32, AS/NZS CISPR 32, EN55035
Environmental	RoHS, WEEE
Compliance Marking	CE, cULus, RCM, WEEE, UKCA, NOM

* Internal Testing

ORDERING INFORMATION

CAMERA	
43386-101	EL2 Bullet Camera
ASSESSORIES	
40744	Wall Back Box
40745	Pole Mount 60 mm
40747	Corner Mount
40746	Outdoor Electrical Box

5-year warranty:

- Option for Advance Replacement or Repair and Return.
- No need to issue a PO prior to receiving the replacement.
- March Networks incurs all shipping costs — both ways — for Advance Replacements.