MPN: 0070-08407

Deimos 5MP Bullet Camera with 3.6mm Lens & IR 50m, built-in Mic, PoE, IP67, IK10

Deimos-BX2-415-IR



The Ernitec Deimos-BX2-415-IR network camera is designed to deliver high performance and reliability, leveraging advanced technologies to provide superior image quality and intelligent features.

Functions
SMD Plus
Ernitec's Smart Motion Detection technology uses intelligent algorithms to categorize targets that trigger motion detection and filter out non-relevant motion detection alarms, ensuring effective and accurate alerts.

Smart H.265+ & Smart H.264+
Ernitec's smart encoding technology, with an advanced scene-adaptive rate control algorithm, achieves higher encoding efficiency than H.265 and H.264, providing high-quality video while reducing storage and transmission costs.

Perimeter Protection
Using deep learning algorithms, Ernitec's Perimeter Protection technology accurately recognizes humans and vehicles. In restricted areas (such as pedestrian and vehicle zones), false alarms from intelligent detection based on target type (such as tripwire and intrusion) are significantly reduced.

WDR (Wide Dynamic Range)
With advanced Wide Dynamic Range (WDR) technology, Ernitec network cameras provide clear details in environments with strong brightness contrast. Both bright and dark areas are captured clearly, even in high brightness or backlight conditions.

Cyber Security
Ernitec network cameras employ a range of security technologies, including security authentication and authorization, access control protocols, trusted protection, encrypted transmission, and encrypted storage. These technologies enhance the camera's defense against external cyber threats and prevent malicious programs from compromising the device.

Protection (IP67, IK10, Wide Voltage)

IP67: The camera undergoes rigorous testing for dust and water resistance. It is dust-proof and can operate normally after being submerged in 1 meter of water for 30 minutes.
IK10: The enclosure can withstand impacts, such as being struck more than five times by a 5 kg hammer from a height of 40 cm (impact energy is 20J).
Wide Voltage: The camera supports a ±30% input voltage tolerance, making it suitable for outdoor environments with unstable voltage.

- 1/2.7" Progressive scan CMOS
- 5MP 2960 × 1668 @20fps, and supports 4MP 2688 × 1520 @25/30fps
- 3.6 mm Fixed Focal Length
- Illumination Distance: up to 50m IR
- WDR, 3D NR, ROI, HLC, BLC, Defog, Mirror
- Intelligent detection: Intrusion, tripwire (support the classification and accurate detection of vehicle and human)

- Built-in MIC
- Power Supply DC12V / POE (IEEE 802.3af)
- IP67 protection
- 5 Year Warranty

Specifications

Audio	**Built-in microphone**	Yes
Camera	**Camera pan control**	No
	Camera shutter speed	1/100000 s
	Camera shutter type	Electronic
	Minimum illumination	0 lx
	Number of Privacy masking areas	4
	White balance	Auto, Natural
Design	**Fog proof**	Yes
	Housing material	Metal
	IK code	IK10
	International Protection (IP) code	IP67
	Mounting type	Ceiling/Wall/Pole
	Product colour	White
	Protection features	Weatherproof
	Weatherproof	Yes
Image sensor	**Progressive scan**	Yes
Lens system	**Auto focus**	Yes
	Detect distance (2.8mm lens)	63.6 m
	Fixed focal length	3.6 mm
	Fixed focus	Yes
	Focal length range	3.6 mm
	Identify distance (2.8mm lens)	6.4 m
	Observe distance (2.8mm lens)	25.4 m
	Recognize distance (2.8mm lens)	12.7 m
Management features	**Firmware upgradeable**	Yes
	Remotely operated	Yes
	Web browser	Yes
	Web-based management	Yes
Network	**Networking standards**	IEEE 802.1x
	Wi-Fi	No
Night vision	**B/W night vision distance**	50 m
	Infra-red wavelength	850 nm
	LED type	Infrared light

Night vision	**Night vision**	Yes
	Night vision distance	50 m
Other features	**Audio output**	1
	F-number (relative aperture)	1.4
	Noise detection	Yes
Packaging content	**Manual**	Yes
	Quick installation guide	Yes
	Quick start guide	Yes
Performance	**Connectivity technology**	Wired
	Day/night mode	Yes
	Languages support	Multi
	Placement supported	Indoor & outdoor
	Type	IP security camera
Power	**Power source type**	PoE, DC
Security	**Password protection**	Yes
Storage	**Card reader integrated**	Yes
	RAM capacity	512 MB
	ROM capacity	128 MB
Technical details	**Number of video streams**	3
Vendor information	**Brand Name**	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)
Video	**3D NR (Noise Reduction)**	Yes
	Back Light Compensation (BLC)	Yes
	Highlight Compensation (HLC)	Yes
	Noise reduction	Yes
	Noise reduction technology	3D noise reduction
	Privacy masking	Yes
	Region of Interest (ROI) encoding	Yes
	Total megapixels	5 MP
	Video compression formats	H.265, H.264
	Video intelligence analytic	Yes
	Video streaming	Yes

Other images

