MPN: 0070-08401

Wolf 8MP Turret Camera with 2.8mm Lens & IR/White Light 30m, Built-in Mic, PoE, IP67

Wolf-BX2-218-IR-FC



Ernitec Series Overview

With advanced deep learning algorithms, the Ernitec series network cameras support intelligent functions such as perimeter protection and smart motion detection. Utilizing starlight technology, these cameras provide superior image quality even in low-light conditions.

Launched by Ernitec, this series of AI products and solutions incorporates an independent AI chip and deep learning algorithms.

It focuses on human and vehicle detection with high accuracy, enabling users to quickly respond to defined targets. Based on Ernitec's advanced technologies, this series offers intelligent, simple, and inclusive products and solutions.

Functions

Smart Dual Light

Ernitec's Smart Dual Light technology uses a smart algorithm to detect targets. Typically, the IR illuminator is active at night; when a target enters the monitoring area, the white light activates, and the camera records full-color video and key event information. When the target leaves the area, the white light turns off, and the IR illuminator reactivates, effectively reducing light pollution.

SMD Plus

With an intelligent algorithm, Ernitec's Smart Motion Detection technology categorizes targets that trigger motion detection and filters out non-relevant motion detection alarms, ensuring effective and accurate alerts.

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.

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.

Full-color

Equipped with high-performance sensors and large aperture lenses, Ernitec's Full-color technology delivers clear, colorful images in ultra-low light environments. This photo sensitivity technology captures more available light, displaying more detailed and colorful images.

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, 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.
Wide Voltage: The camera supports a ±30% input voltage tolerance (for some power supplies), making it suitable for outdoor environments with unstable voltage.

- 1/2.7” Progressive scan CMOS
- 8MP 3840 × 2160 @20 fps, and supports 2688 × 1520 @25/30 fps
- 2.8 mm Fixed Focal Length
- Illumination Distance: up to 30m IR; up to 30m Warm light
- WDR, 3D NR, ROI, HLC, BLC, Defog
- Intelligent monitoring: Intrusion, tripwire (the two functions support accurate detection of vehicle and human)
- Built-in MIC
- Power Supply DC12V / POE (IEEE 802.3af)
- IP67 protection
- 5 Year Warranty

Specifications

Camera	**Camera pan control**	No
Design	**International Protection (IP) code**	IP67
	Mounting type	Ceiling/Wall/Pole
	Product colour	White
Lens system	**Fixed focal length**	2.8 mm
	Focal length range	2.8 mm
Network	**Wi-Fi**	No
Night vision	**Infra-red wavelength**	850 nm
	LED type	Infrared / White light
	Night vision	Yes
	Night vision distance	30 m
Performance	**Connectivity technology**	Wired
	Placement supported	Indoor & outdoor
	Type	IP security camera
Power	**Power source type**	PoE, DC
Vendor information	**Brand Name**	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)
Video	**Total megapixels**	8 MP
	Video intelligence analytic	Yes

Other images

