MPN: 0070-08403

Ernitec 5MP Turret Camera with 2.8mm Fixed Lens (Wolf-BX2-215-IR)



5-MP 1/2.7" CMOS image sensor, excellent low luminance performance and high definition of images.

Outputs max. 5 MP (2960 × 1668) @20 fps and supports 4MP (2688 × 1520) @25/30 fps -H.265 codec, high compression rate, ultra-low bit rate.

Built-in IR LED, max. IR distance: 50 m.

ROI, SMART H.264 +/H.265+, AI H.264/H.265, flexible coding, applicable to various bandwidth and storage environments.

Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes.

Intelligent detection: Intrusion, tripwire (support the classification and accurate detection of vehicle and human).

Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection.

· Max. 256 G Micro SD card. built-in Mic.
· 12 VDC/PoE power supply, easy for installation.
· IP67 protection.
· SMD 4.0, AI SSA

Ernitec Series Overview

Ernitec's latest series of network cameras significantly save on bandwidth and storage space through its AI Coding technology. Powered by advanced deep learning algorithms, these cameras support intelligent functions such as perimeter protection, smart motion detection (SMD), Quick Pick, and AI SSA (AI Scene Self-adaptation), making them user-friendly and efficient. The starlight technology and large aperture lens ensure clear, vivid images 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
Ernitec's Smart Motion Detection technology uses intelligent algorithms to classify targets that trigger motion detection alarms. It filters out non-target objects, such as small and large animals, to avoid false alarms. With an AI NVR, Quick Pick technology allows users to easily search for and identify human and vehicle targets from SMD event videos, prioritizing the highest matches.

AI SSA
Ernitec's AI Scene Self-adaptation (AI SSA) uses deep learning algorithms to detect environmental conditions such as rain, fog, backlight, low light, and flicker. It adjusts image parameters to suit these conditions, ensuring clear images are always produced.

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.

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.

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.

Specifications

Camera	**Camera pan control**	No
Network	**Wi-Fi**	No
Performance	**Connectivity technology**	Wired
	Type	IP security camera
Vendor information	**Brand Name**	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)