MPN: 0070-08409

Jupitor 2MP PTZ Camera with 25x Optical Zoom & IR 150m, Face Detection, PoE+, IP67, IK10

Jupiter-PX3-812-IR



Ernitec System Overview

Featuring powerful optical zoom and accurate pan/tilt/zoom performance, the Ernitec system network cameras provide an all-in-one solution for capturing long-distance video surveillance for outdoor applications.

Combined with infrared illumination and Starlight Technology, these cameras are ideal for dark, low-light environments.

The series includes a day/night mechanical IR cut filter to ensure the highest image quality in variable lighting conditions.

Functions

Perimeter Protection

Ernitec's Perimeter Protection technology automatically filters out false alarms caused by animals, rustling leaves, bright lights, and more. It uses secondary recognition during target detection to improve alarm accuracy.

Auto-tracking

This feature controls the pan, tilt, and zoom actions of the camera to automatically track a moving object, keeping it in view. Tracking can be triggered manually or automatically by defined rules. Once a rule is triggered, the camera can zoom in and track the defined target automatically.

Face Detection

Supports six attributes and eight expressions: gender, age, glasses, mask, beard, and expressions (anger, sadness, disgust, fear, surprise, calm, happiness, and confusion). It also supports face cutout settings for face and single-inch photos. Three snapshot methods are featured: real-time snapshot, priority snapshot, and quality priority.

SMD
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.

Starlight Technology

For challenging low-light conditions, Ernitec's Starlight Ultra-low Light Technology offers superior light sensitivity, capturing color in vivid detail even in lighting as low as 0.005 lux. The camera uses a set of optical features to balance light throughout the scene, producing clear images in dark environments.

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.



- 1/2.8” Progressive scan STARVIS™ CMOS
- 2MP 19200 × 1080 @25/30 fps
- 25x optical zoom, Focal Length 4.8 mm–120 mm
- Illumination Distance: up to 150m IR
- WDR, 3D NR, ROI, BLC, Defog & EIS (Electronic Image Stabilization)
- Perimeter Protection, Auto-tracking, Face Detection, Smart Motion Detection, Starlight Technology
- 1/1 audio in/out, 2/1 alarm in/out
- Power Supply 24 VDC, 2.5 A / PoE+ (IEEE 802.3at)
- IP67; IK10; TVS 6000V protection
- 5 Year Warranty

Specifications

Battery	**Battery Size**	CR2032
	Battery Technology	Lithium-Manganese Dioxide (LiMnO2)
Camera	**Camera pan control**	Yes
Design	**IK code**	IK10
	International Protection (IP) code	IP67
	Mounting type	Ceiling/Wall/Pole
	Product colour	White
Lens system	**Focal length range**	4.8 - 120 mm
Network	**Wi-Fi**	No
Night vision	**Infra-red wavelength**	850 nm
	LED type	Infrared light
	Night vision	Yes
	Night vision distance	150 m
Performance	**Connectivity technology**	Wired
	Placement supported	Indoor & outdoor
	PTZ control	Yes
	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**	2 MP
	Video intelligence analytic	Yes

Other images

