MPN: 0070-08400

Saturn 8MP Fisheye Camera with 1.85mm Lens & IR 10m, Built-in Mic & Speaker, PoE+, IP67, IK10

Saturn-PX3-518-IR



Ernitec Fisheye Series Overview

360° Surveillance with Fisheye Lens The Ernitec series cameras, equipped with fisheye lenses, offer comprehensive 360° surveillance, making them ideal for various environments such as airports, shopping centers, banks, and hotels.

Key Functions:

Smart H.265+ & Smart H.264+: Advanced scene-adaptive rate control algorithms enhance encoding efficiency, providing high-quality video while reducing storage and transmission costs.

Fisheye VR: Utilizing intelligent algorithms, this technology delivers an interactive 3D dynamic view through fisheye images, supporting multiple interactive modes like original, bowl, cylinder, and asteroid for an enriched user experience.

Heat Map: Displays crowd density and appearance probability using different colors to indicate crowd status, based on statistical data of people quantity over time and space.

People Counting: Employs deep learning algorithms to accurately track and count human movements, providing detailed statistics on entries, exits, and in-area numbers. It integrates with management platforms to generate comprehensive reports.

Protection Features:

IP67: Ensures dust-proof and waterproof performance, withstanding submersion in 1 meter of water for 30 minutes.

IK10: The robust enclosure can endure impacts from a 5 kg hammer dropped from 40 cm, ensuring durability.

Wide Voltage: Supports a wide voltage range with ±30% tolerance, suitable for outdoor environments with unstable voltage.

Cyber Security: Incorporates multiple security technologies, including authentication, authorization, access control protocols, trusted protection, encrypted transmission, and storage, enhancing defense against cyber threats and preventing malicious attacks.

- 1/1.7” Progressive scan CMOS
- 3280×2480 @ 25/30 fps (8MP)
- 1.85mm Fixed Focal Length
- Built-in IR LED max. illumination distance 10 m
- 1/1 audio in/out, 2/2 alarm in/out. Built-in dual-array Mic and speaker.
- DWDR, 3D NR, ROI, HLC, BLC, Defog
- Intelligent monitoring: Intrusion, tripwire, heat map, and people counting.
- Power Supply DC12V / PoE+ (IEEE 802.3at)

- IP67 & IK10 protection.
- 5 Year Warranty

Specifications

Camera	**Camera pan control**	Yes
Design	**IK code**	IK10
	International Protection (IP) code	IP67
	Mounting type	Ceiling
	Product colour	White
Lens system	**Fixed focal length**	1.85 mm
	Focal length range	2.8 mm
Network	**Wi-Fi**	No
Night vision	**Infra-red wavelength**	850 nm
	LED type	Infrared light
	Night vision	Yes
	Night vision distance	10 m
Performance	**Connectivity technology**	Wired
	Placement supported	Indoor & outdoor
	Type	IP security camera
Power	**Power source type**	PoE+
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



