

High-Speed Laser Integrated PTZ Camera

This high-speed PTZ camera features integrated laser technology and a durable housing. It offers 360° horizontal rotation and -90° to +40° vertical rotation with preset position accuracy of ±0.02°.



Overview

High-Performance PTZ Surveillance

The High-Speed Laser Integrated PTZ Camera is a robust solution designed for advanced surveillance in demanding environments. Featuring integrated VD-II laser homogenization technology, it provides exceptional visibility with a lighting range extending up to 1000 meters. With high-precision pan and tilt controls and support for ONVIF 2.2, this camera offers reliable, long-range monitoring for critical infrastructure and perimeter security.

Imaging Performance

Image Enhancement

Wide Dynamic Range • Noise Reduction

Image Sensor Resolution	2MP, 3MP, 4MP, 5MP
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Laser & Night Vision

Laser Illumination Distance

500 m

Standard Range

1000 m

Max Upgrade Range

Laser Technology	VD-II laser homogenization technology
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Mechanical & Movement

Movement Specifications

Axis	Range	Speed
Horizontal	360°	0.1° - 100°/s
Vertical	-90° to +40°	0.1° - 100°/s

Tracking & Scanning

- 5 Scanning Groups
- 17 Speed Memory Tracking Groups
- 3D Positioning Function

Preset Accuracy	0.02 °
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Electrical & Connectivity

Power Input	AC24V, DC24V
Standby Power Consumption	15 W
Network Support	ONVIF 2.2, Web, Mobile, Client

Environmental

Protection Rating	IP66
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