

Laser Positioning PTZ Camera System

This PTZ camera system supports a 50KG load and incorporates worm and gear drive. It features a built-in electric zoom lens with laser zoom follow, providing illumination up to 2000 meters.



Overview

High-Performance Surveillance Solution

This Laser Positioning PTZ Camera System is engineered for demanding long-range surveillance and security applications. Featuring a robust 50KG load capacity and precision worm and gear drive, it offers exceptional stability and durability in outdoor environments. With advanced laser tracking up to 2000 meters and high-precision positioning accuracy, this system provides reliable, comprehensive area coverage for critical infrastructure protection.

Imaging & Optics

Laser Performance

2000 m

Lighting Distance

Image Sensor	1/1.9" 2-Megapixel CMOS
Zoom Capabilities	20-750mm Electric Zoom, 86X Zoom, 88X Zoom

Mechanical & PTZ Performance

Rotation Range

- Horizontal: 360°
- Vertical: -70° to +40°

Rotation Speed

Axis	Speed Range
Horizontal	0.01°-30°/s
Vertical	0.01°-20°/s

Load Capacity	50 kg
Positioning Accuracy	±0.01°

Electrical & Protection

Protection Class

IP66

Power Input	DC48V (Double Power Input)
Key Features	Laser Safety Precaution, Electric Optical Shaft Adjusting, Long-focus Speed Limit, Worm and Gear Drive