

SightTracker PTZ

AI Target Tracker for Outdoor Sites



Hands-Free, Real-Time Situational Awareness

SightTracker PTZ is a smart camera that zooms and follows outdoor intruders with fast, on-target responsiveness. With AI classification tracking, Smart IR, 5MP/33x zoom, 360-degree pan, and excellent low-light performance, the SightTracker PTZ automatically tracks targets without the processing and network delays of other PTZ solutions.

SightTracker PTZ is designed to work with SightSensor thermal cameras, staying locked onto intruders as they move throughout the site, even beyond the field of view of the detecting camera. By re-centering the target at 10 times per second, the SightTracker PTZ keeps the intruder in clear view with zoomed-in detail, delivering critical situational awareness over perimeters and outdoor sites.



FEATURES

- ✔ Automatically zooms and follows detected targets
- ✔ Smart A.I. Tracking
- ✔ Integrated SightTracker™ software

BENEFITS

- ✔ Real-time situational awareness
- ✔ Continually tracks intruders outside SightSensor's FOV
- ✔ Outstanding PTZ repositioning rate, no latency

SIGHTSENSOR DETECTS



SIGHTTRACKER PTZ ZOOMS AND FOLLOWS FOR DETAILS



SYSTEM COMPONENTS

SightSensor Smart Thermal Cameras
Refer to *SightLogix SightSensor* datasheets.

SightMonitor II (Optional)
Site management and GPS target display software. Refer to the *SightLogix SightMonitor II* datasheet.

ORDERING INFORMATION

| Part Number | Description |
|-------------|----------------------------------------|
| PTZ533-030 | SightTracker PTZ |
| PTZ-WMT | Wall Mount (with Junction Box) |
| PTZ-PDM | Pendant Mount (with Junction Box) |
| PTZ-PLM | Pole Mount (attach to Wall Mount) |
| PTZ-CXA | Convex Corner Adapter (for Wall Mount) |

Notes: SightLogix Wall Mount or Pendant Mount is recommended. For corner mounting, use a Convex adapter with a Wall Mount.

Specifications

Sensor Specifications

Image Sensor: 1/2.8" Sony Starvis CMOS Sensor

Video Resolution: 5MP @30fps

Scanning Mode: Progressive

Sensitivity: Color : 0.005 Lux , B/W: 0.001 Lux

Day/Night Function: IR Cut Filter (ICR)

Compression Format: H.264+ / H.264 / M-JPEG

WDR: Automatic

Zoom: 5MP Real Time 33x Optical

Focal Length: F=4.5mm (WIDE) to 148.5 mm (TELE)

Maximum Aperture: F1.4 ~ F4.2

View Angle: 2.3°~ 60°(H), 1.3°~ 36.2°(V)

ROI (Region of Interest) Function: Yes

Dome Specifications

Pan/Tilt: 360° Continuous Pan and 90° Tilt

Pan / Tilt Range: Pan: 360° / Tilt: 90°Auto Flip

Manual Control Speed: Pan: 0.1 ~ 80 °/s , Tilt: 0.1 ~ 40 °/s

Preset (Patrol) Speed: 100°/s

Preset Accuracy: <±0.15°

Home Position: Yes

IR Leds: 9 Units High Power

IR Distance: 150M

Smart IR: Yes (automatically adjusts infrared light based upon the subject's distance)

3D Privacy Masks: 8

Motor: Servo motor for precise positioning and preset location

AI Tracking Features

Object Classification (car, person, animal, etc)

Follows the target beyond the SightSensor's FOV

Positioning Update Rate: Automatically repositions PTZ onto target every 1/10th second.

Tracking Priority Options: First target acquired, newest target, closest target, dwell time, fastest moving target, and largest

Zoom: Automatically zooms or reduces target magnification

Integration: One or more SightSensors can control one or more SightTracker PTZs

Manual Joystick Override: Yes, via VMS

Environmental

Storage Temp: -40° to +80°C (-40° to 158°F)

Operation Temp (w/ heater): -40° to +60°C (-40° to +140°F)

Weight: 5300 g (11.68 lbs.)

Dimensions:

227.1mm (φ) X 346.2mm(H) / 8.94 in (φ) X 13.62 in (H)

Enclosure: IP66

FCC Part 15, Class A, CE

Network

Ethernet: 100 Base-T

Protocols: ONVIF

Electrical

Power Source: 24VAC +/- 10% or PoE IEEE 802.3bt

Power Consumption (without Heater): 35W

Power Consumption (with Heater): 45W



**Convex
Corner Adaptor**



**Pole Mount
Bracket**



**Pendant Mount
+ Power Box**



**Wall Mount
+ Power Box**

