

SightTracker PTZ

Smart AI People 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, integrated 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 on intruders as they move throughout the site, even beyond the view of the detecting camera. Re-centering up to 10 times per second, 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

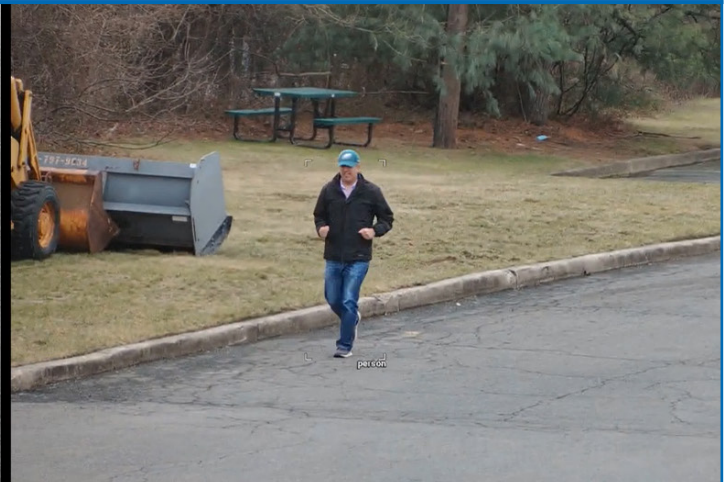
BENEFITS

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

SIGHTSENSOR THERMAL DETECTS



SIGHTTRACKER PTZ CLASSIFIES AND FOLLOWS



SYSTEM COMPONENTS

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

SightMonitor II
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 (for 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
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: 2.5°~ 57°(H), 1.9°~ 42.8°(V)

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

Network

Ethernet: 100 Base-T
Protocols: ONVIF

AI Tracking Features

Object Classification (Person)
Follows the target beyond the SightSensor's FOV
Positioning Update Rate: Automatically repositions PTZ onto target up to ten times per 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 +70°C (-40° to 158°F)
Storage Relative Humidity: 0-95%, non-condensing
Operation Temp (w/ heater): -40° to +55°C (-40° to +131°F)
Operation Relative Humidity: 0 to 100%
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, UKCA

Electrical

Power Source: 24VAC +/- 10% or (60W) 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**

