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 on intruders as they move throughout the site, even beyond the view of the detecting camera. Re-centering at 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

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

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<td>SightTracker PTZ</td>
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<td>Wall Mount (with Junction Box)</td>
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<td>PTZ-PDM</td>
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<td>PTZ-PLM</td>
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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: 2.3°~ 60°(H), 1.3°~ 36.2°(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
Smart IR: Yes (automatically adjusts infrared light based upon the subject’s distance)
Motor: Servo motor for precise positioning and preset location

Al Tracking Features
Object Classification (car, person)
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

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