



SightLogix[®] SightTracker

GPS-Based PTZ Controller for Target Tracking

Setting the Standard for Outdoor Surveillance

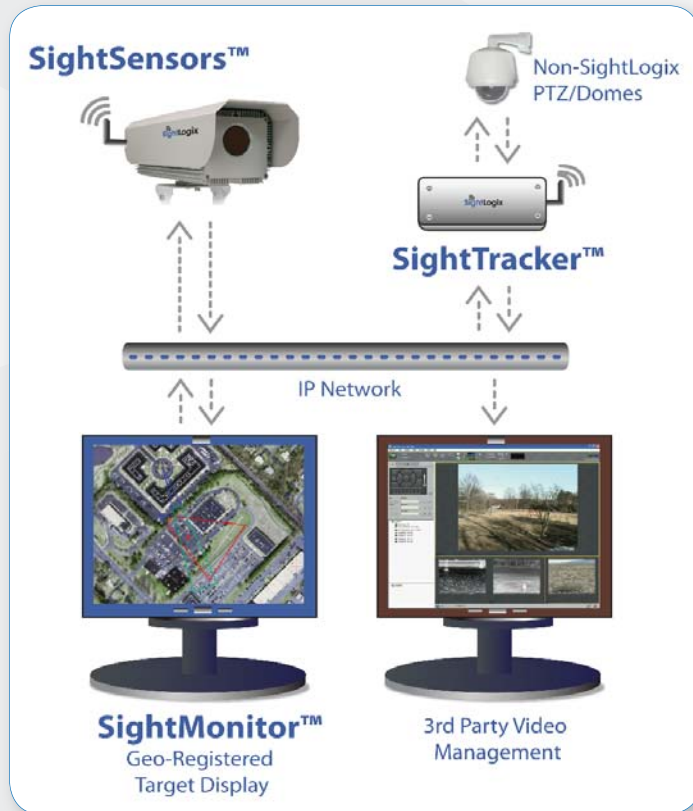
SightLogix SightTracker™ is designed to automatically steer a Pan Tilt Zoom (PTZ) camera for close-up security inspection of detected targets. SightTracker employs the geo-registered target and tracking information provided by the Visible, Thermal, or WideView SightSensor™.

SightTracker integrates PTZ camera control, real-time GPS coordinate mapping, video processing and compression, and optional wireless communications within a ruggedized, NEMA4X enclosure for a robust, edge-to-edge outdoor surveillance solution.

Automated PTZ Intruder Tracking

When an intruder is detected by the SightSensor, it relays the GPS coordinates of the target to the SightTracker, which automatically positions an associated PTZ/Dome camera to zoom and track the target for up-close inspection.

SightTracker can command a range of PTZ cameras from Pelco™ and other manufacturers (contact SightLogix for a current list of supported PTZ models), which are represented within the SightMonitor topology map as cones that dynamically update as the camera zooms or pans. This occurs either automatically in response to a SightSensor alarm, or manually when control is assumed by a security operator using the site's Video Management System (VMS).



SightLogix Enterprise System

The SightLogix SightTracker is one element of the SightLogix Enterprise Security System. Options include Thermal and Visible long-range SightSensor cameras for perimeter security, WideView SightSensors for wide-area, close-in surveillance, and SightMonitor software for GPS target location display.

Automated Intelligence for Quick Response

SightTracker solves the challenge of manually locating a detected alarm with a PTZ camera. This is especially important when larger outdoor areas are under security management. SightTracker automatically steers a PTZ camera to the target's precise geospatial location, providing security teams with up-close views to make fast, time-critical decisions.

Policy- and Behavior-Based Target Tracking

SightTracker can be configured to track targets based on several criteria, including:

- Tracking priority, including first target acquired, newest, closest, fastest moving, largest target
- Dwell time to stay engaged on a specific target
- Zoom setting to automatically enlarge or reduce size of target within the field of view

Secure, Scalable, Open Standards IT Integration

The net-centric SightTracker is designed to integrate seamlessly with existing network infrastructure. Like every element of the SightLogix Enterprise Security System, all processing is performed at the network edge. Information is protected through AES Encrypted video and control data. Communication options include Ethernet 100Base-T or optional integrated wireless 802.11a/b/g.

High Reliability

The SightLogix Enterprise System is built for harsh outdoor environments with an edge-to-edge architecture that eliminates all single points of failure. SightTracker is packaged within a cast-aluminum NEMA4X enclosure designed to withstand the extremes of heat and humidity with connections made through a weatherproof 26 pin MIL-C bayonet coupled connector.

Summary of SightTracker Features

- Immediate PTZ positioning for up-close view of SightSensor-detected targets
- Continuous real-time target tracking, registered to actual GPS coordinates providing actionable intelligence
- NEMA4X ruggedized enclosure protection for the outdoors
- Coordinates with SightSensors, the powerful multi-processor platform that produces low false and nuisance alarms even in challenging outdoor environments
- Cost-effective comprehensive surveillance solution
- Extensively configurable video analytics and PTZ tracking priorities for complete security management
- Interoperable with Pelco™ D-compliant devices (e.g., Pelco SpectraDome III™, IV™, Esprit products)

Technical Specifications

Communications and Interface	
Configuration and management	SightMonitor
Firmware upgrade	SightMonitor via Network Interface
PTZ interface	Pelco D via RS422
Video input interface	Composite, 1Vpp into 75 ohms (NTSC/PAL)
Network interface	Ethernet 100Base-T or optional wireless 802.11a/b/g, WPA2
Encryption	AES-256
Compression	MPEG4 and MJPEG
Output channels	2 independent IP channels up to 30fps

subject to change without notice

Hardware	
Power	24V AC/DC, 10 watts
Connector type	26 pin Mil-C bayonet
Size	14.2" × 6.3" × 3.5"
Weight	8 lbs.
Temperature range	-30°C to +60°C (extended ranges optional)
Enclosure	NEMA4X, cast aluminum
Mounting options	Pole or wall
Certifications	CE, FCC
Warranty	1 year return to factory parts and labor

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