



# SightLogix SightTracker

## GPS-Based PTZ Control for Target Tracking

### Setting the Standard for Outdoor Surveillance

The 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 either the SightSensor™, a GPS video analytic target sensor, and/or the SightAnalyzer™, a GPS video analytic target analyzer.

The 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.

### SightLogix Enterprise System

The SightLogix SightTracker is one element of the SightLogix Enterprise Security System which encompasses SightSensor long-range detection cameras, SightAnalyzers that enhance analog cameras with SightSensor analytics, and the SightMonitor GPS target location display.



Geo-Registered Target Display

SightMonitor is a lightweight configuration management and reporting service that can reside on the same processing platform as the Video Management System (VMS). It displays all SightLogix detected targets onto a geo-referenced topology map, where targets are shown as moving icons overlaid on camera footprints. The result is a comprehensive, real-time, visual perspective with GPS-registered tracking over an entire secured area of interest.

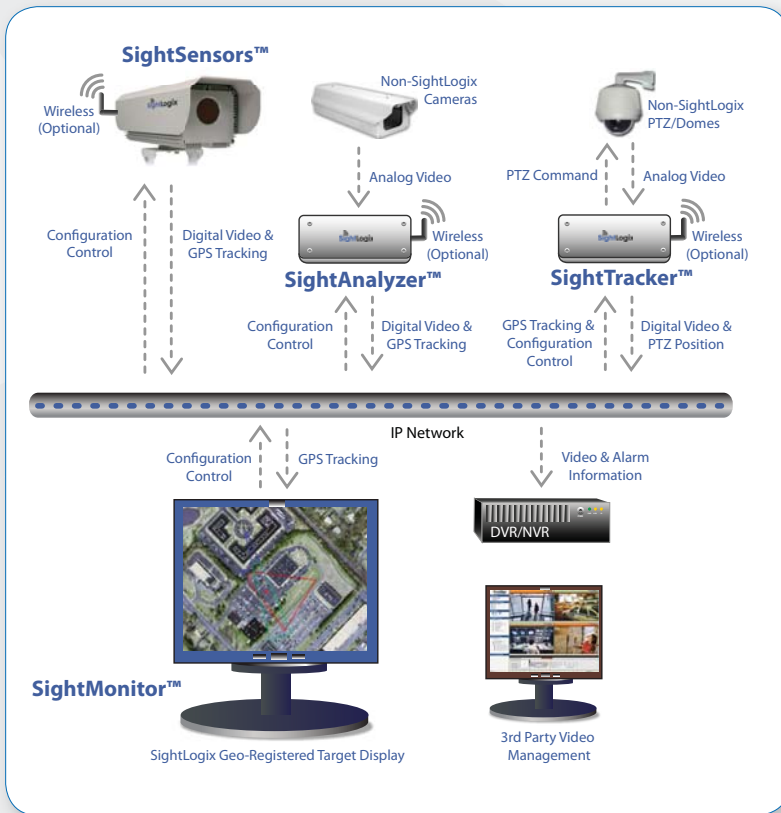
### Automated PTZ Intruder Tracking

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.

The SightTracker can command a range of Pelco™ PTZ cameras, 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).



SightTracker



When Pre-Emption Matters



## Automated Intelligence for Quick Response

The 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. The 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

The 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. The 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
- Coordinates with SightSensors, the powerful multi-processor platform that produces low false and nuisance alarms even in challenging outdoor environments
- Extensively configurable video analytics and PTZ tracking priorities for complete security management
- NEMA4X ruggedized enclosure protection for the outdoors
- Interoperable with Pelco™ D-compliant devices (e.g., Pelco SpectraDome III™, IV™, Esprit products)
- Cost-effective comprehensive surveillance solution

## Technical Specifications (subject to change without notice)

| 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                     |

| 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  |