

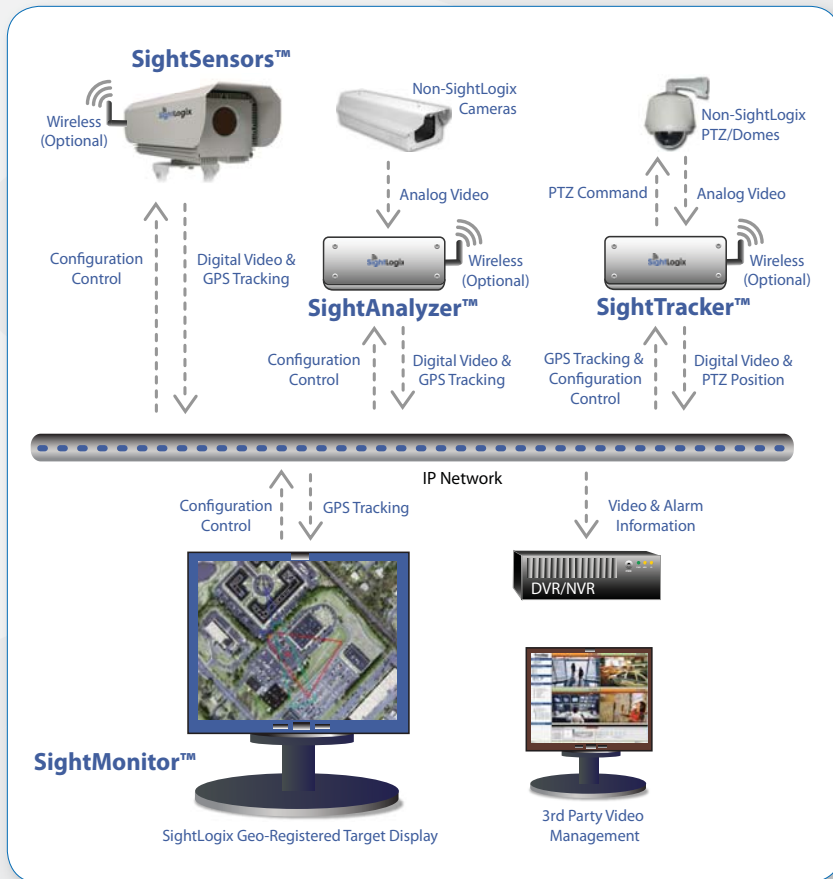


# SightLogix SightAnalyzer

## GPS Video Analytic Target Analyzer

### Setting the Standard for Outdoor Surveillance

The SightLogix SightAnalyzer™ is an intelligent video content analyzer, designed to incorporate pre-qualified\* analog video cameras into the SightLogix Enterprise System. The SightAnalyzer utilizes the same multiprocessing hardware and software architecture as the SightLogix SightSensor™, including GPS tracking and outdoor scene analytics, while maintaining system integrity and performance with a consistent SightLogix user interface.



### Expanding SightLogix Intelligent Video Capabilities

Many surveillance deployments must address a range of application, technical, and economic needs within an overall security framework. SightAnalyzer enables easy integration of pre-qualified\* analog cameras from leading vendors into the SightLogix Enterprise Security System, maintaining unified control and system integrity.

### SightLogix Enterprise System

The SightLogix SightAnalyzer is one element of the SightLogix Enterprise Security System which encompasses SightSensor long-range detection cameras, SightTrackers that control PTZ/Dome cameras, and SightMonitor software for GPS target location display. SightLogix systems are available in fixed, rapid deployment or mobile deployment configurations.

### Configurations

The SightAnalyzer is available in two hardware configurations which are operationally identical:

- 3U rack-mount enclosure for up to eight SightAnalyzers; situated indoors where coaxial cables converge at a central point
- Outdoor-ready NEMA4X enclosure for mounting near an outdoor camera



\*Pre-qualified analog video cameras are adapted, tested and authorized by SightLogix for use with the SightAnalyzer to ensure a consistent high level of performance. Because every video camera family possesses unique characteristics, they must be harmonized with the video analytic processing software. Failure to properly do so in the initial integration results in excessive false and nuisance alarm rates, reduced detection range and the need for constant adjustments to compensate for inconsistent or erratic operation under changing outdoor conditions.

## Automated Intelligence for Quick Response

The SightAnalyzer solves the challenge of locating a target's specific physical location. In multiple-camera security systems, trying to quickly locate an alarm target can be challenging. With a SightLogix system, target GPS coordinates are automatically located on the SightMonitor topology display map, providing security teams with information to make fast, time-critical decisions.

## Secure, Scalable, Open Standards IT Integration

The SightAnalyzer is designed to integrate seamlessly with existing cameras and other 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 100 Base-T, or optional integrated wireless 802.11a/b/g.

## Policy- & Behavior-Based Target Detection

The SightAnalyzer can be configured to detect targets based on several criteria, including:

- Multi-mode tripwire, directional zone, loitering
- Target height, width, speed, direction, and aspect ratio
- Behaviors such as object left behind, missing object, directional movement
- Zone and time-based policies, threat levels

## Technical Specifications

(subject to change without notice)

Communications and Interface	
Configuration and management	SightMonitor
Firmware upgrade	SightMonitor via network interface
Video input interface	Composite, 1Vpp into 75 ohms (NTSC/PAL)
Encryption	AES-256
Compression	MPEG4 and MJPEG
Output channels	2 independent IP channels up to 30fps
Warranty and Certifications	
Certifications	CE, FCC
Warranty	1 year return to factory parts and labor

## 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 outdoor SightAnalyzer 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. The indoor rack mount chassis provides for redundant power supplies.

## Summary of SightAnalyzer Features

- Powerful multi-processor platform for low false and nuisance alarms even in challenging outdoor environments
- Extensively configurable video analytics for complete security management
- Registration of camera fields of view to actual GPS coordinates
- Single-channel outdoor or multi-channel indoor physical packaging options
- Interoperability with Pelco™ and other qualified cameras as well as leading VMS providers
- Cost-effective comprehensive outdoor surveillance solution

Hardware Configurations	
Rack Mount	
Size	25.2" x 19.0" x 5.3"
Weight	34 lbs
Temperature range	0°C to 50°C
Power	120-240VAC, 50/60Hz; 180 watts maximum (optional redundant supply)
Connector type	BNC video input & RJ45 (one per channel)
Network interfaces	Ethernet 100Base-T
Pole or Wall Mount	
Size	14.2" x 6.3" x 3.5"
Weight	8 lbs
Temperature range	-30°C to +60°C (extended ranges available)
Power	24V AC/DC, 18 watts
Connector type	26 pin Mil-C bayonet
Network interface	Ethernet 100Base-T or optional wireless 802.11a/b/g, WPA2
Enclosure	NEMA4X, cast aluminum

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