

Fence-Mounted Sensors

FlexZone®

Point-locating fence-mounted sensor

FlexZone detects and accurately locates attempts to cut, climb or break through a perimeter fence. Each FlexZone processor supports up to 600 m (1,969 ft) of sensing cable. Intrusions are located to within 3 m (10 ft), enabling software-based zoning for camera call-ups.



Senstar LM100™

Hybrid perimeter intrusion detection and intelligent lighting system

Combining two key security functions in one cutting-edge product, the Senstar LM100 acts as a powerful deterrent against intruders, detecting and illuminating them at the fence line while alerting the site's security system.



Wireless Gate Sensor

The Wireless Gate Sensor is a compact, all-weather sensor module that is attached directly to the gate fabric to detect attempts to cut, climb, or break through the gate. It is powered from its built-in solar panel and/or internal battery, and transmits alarm data to a nearby FlexZone or Senstar LM100 processor.

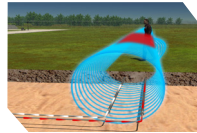


Buried Sensors

OmniTrax®

Ranging buried sensor

OmniTrax is a covert sensor that generates an invisible electromagnetic field around its two buried cables, creating a volumetric detection zone approximately 3 m wide and 1 m high (10 ft by 3 ft).

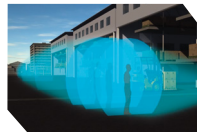


Microwave Sensors

UltraWave™

Microwave intrusion detection system

UltraWave is a bi-static microwave that creates an invisible field of energy between the transmitter and receiver. If an intruder enters this area, the field characteristics are changed, resulting in an alarm. It can protect an entire perimeter or can be used with other sensors to fill-in detection gaps, including gates and entrances.



Electrostatic Sensors

XField®

Terrain-following volumetric sensor

XField generates an electrostatic field around a set of sensor wires. As an intruder approaches, the processor analyzes the capacitance of each sensor wire and uses the size, movement, and time spent within the detection fields to qualify the alarm.



With intelligent video management, video analytics, access control, and innovative perimeter intrusion detection systems, Senstar offers a comprehensive suite of proven, integrated technologies that reduce complexity, improve performance, and unify support.

FiberPatrol® Fiber Optic Intrusion Detection Sensors

For fence and wall applications

FiberPatrol FP1150 provides up to 80 km (49.7 mi) of protection per processor and locates intrusion to within 4 m (13 ft). When installed in its cut-immune configuration, the sensor protects the full perimeter even after a cable cut.



For buried perimeter applications and borders

When the sensor cable is buried, FiberPatrol FP1150 provides covert detection of intruders, vehicles, and tunneling activity for up to 80 km (49.7 mi) per processor.



For pipeline integrity monitoring

FiberPatrol FP1150 detects third-party interference (TPI) activities that threaten the safety of a pipeline – manual or machine digging, heavy machinery operating in the area, and attempts to tap or damage the pipeline.



FiberPatrol FP400 For zone-based fence applications

The FP400 offers 4 detection zones. It is a cost-effective option for smaller sites where a fiber-based sensor is preferred.



Senstar fiber optic sensors use standard telecommunications-grade cable. No powered or conductive items are required in the field, making FiberPatrol products immune to EMI and lightning, and intrinsically safe in explosive atmospheres.

Senstar Symphony™ Common Operating Platform

The Senstar Symphony™ Common Operating Platform with sensor fusion engine is a modular solution for security management and data intelligence. In addition to being an open, highly scalable video management system with built-in video analytics, it includes full-featured access control and perimeter intrusion detection modules.

Video Management

An open platform, Senstar Symphony supports cameras from all major vendors and easily scales to any size. With intuitive operator clients, simple per-camera licensing, and built-in high availability, Senstar Symphony is the ideal high-performance video management solution (VMS).

Security Management

A full-featured security management system (SMS), Senstar Symphony delivers a consolidated view of incidents from any source, including intrusion sensors, video analytics, access control, and other security devices. Its visual, map-based interface provides a streamlined user experience for operators handling everything from daily routines to crisis situations.

Access Control

A complete access control system, Senstar Symphony supports industry standard hardware and fully integrates access control events with video and alarm management.

Video Analytics

By leveraging existing video surveillance infrastructure, Senstar Symphony video analytics are a highly cost-effective means to augment security with new detection capabilities, direct attention to key events, automate access control and other facility functions, and collect data on customer behavior.

Data Intelligence

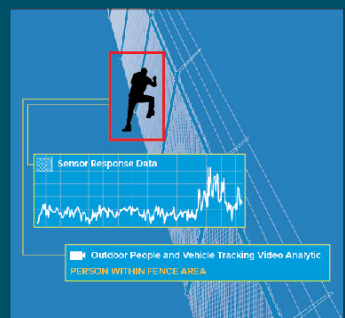
By combining video surveillance with analytics, security sensors, and data from manufacturing or logistics systems, organizations can monitor operations, detect abnormalities, and implement corrective actions.

Sensor Fusion Engine

The Senstar Symphony™ Common Operating Platform's sensor fusion engine synthesizes data from separate sensors to generate actionable information. More than just a simple Boolean logic integration, the sensor fusion engine accesses low level data to intelligently characterize potential risks. Data synthesis enables the system to achieve levels of performance that exceed those of the individual sensors.

For security applications, this has direct, practical benefits, namely the ability to maximize the strengths of individual sensor technologies while avoiding their shortcomings.

When signal response data from fence sensors is synthesized with video analytic data, nuisance alarms generated by wind or debris are virtually eliminated while maintaining the system's high probability of detection.



Personal Duress

PAS

Personal Alarm System

PAS (Personal Alarm System) is an ultrasonic emergency notification/communication system that determines the location of an individual within a facility when he or she activates their Personal Alarm Transmitter (PAT) device.



Other Video Software

Senstar Enterprise Manager™ (SEM)

Centralized cloud management

SEM is a centralized cloud management platform that streamlines IT operations through unified health monitoring and settings management, while automating software and firmware updates.



Video Management Hardware

Network Video Recorders (NVR)

NVRs are turnkey products that can help accelerate installation. Each recorder is preloaded with Senstar Symphony licenses, providing a compact appliance for small sites or a scalable enterprise class solution for large deployments.

Thin Client™ network video appliance

Thin Client is a reliable, out-of-the-box viewing solution that can be deployed and maintained worry-free. It is ideal for space-constrained environments and features an easy setup and compact design.

Perimeter Systems: Integration and Management

Senstar Sensor Integration

IP-based alarm reporting

Senstar sensors have integrated networking capability that provides a two-way communication channel between sensors and a control room. Network Manager software provides a common interface through which a security management system communicates.

UltraLink

Flexible I/O modules for system integration

UltraLink Input/Output (I/O) modules are hardware components that form an integral part of Senstar's system integration capability. The modules attach to Senstar's Silver Network and provide a range of I/O types including outputs (relay, open collector) and supervised dry-contact inputs.



SENSTAR®

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