



Touch Screen Control

Color Maps

Real Time Alarm
Annunciation

Separate Operator and
Supervisor/Maintenance
Stations

Remote Diagnostics and
Calibration of
Senstar-Stellar Smart
Sensors

Password Protection

Expandable Small,
Medium and Large
Systems

Multilingual Menus

Redundancy and
Multi-Station Options

CCTV Integration and
Video Switcher Control

Joint-Domain Alarm
Processing

Senstar 100/Sennet

Perimeter Monitoring & Control System



Senstar® 100 is a PC-based perimeter management system that displays, records and controls Senstar-Stellar's outdoor perimeter security sensors and integrates a variety of outdoor and indoor security sensors with CCTV systems. It uses a simple yet powerful interactive graphic presentation designed for perimeter applications where speed and simplicity are paramount. The speed, a touch screen interface and easy-to-follow site-customized prompts enable an unsophisticated operator with little training to respond quickly and accurately to alarms, even if several alarms occur at once.

Alarm data are received on Senstar-Stellar's Sennet® Network. Each Sennet network consists of a Network Controller (NC) and up to 62 network devices. These devices include Transponder Units (TU), Large Transponder Units (LTU), and Senstar-Stellar's line of smart Plug 'n' Play outdoor perimeter sensors, including Perimitrax® and Intelli-FLEX™. These devices also accept contact closures from any auxiliary sensors and provide contact closure outputs for control of auxiliary devices. Connections between remote devices and the NC are via redundant RS-485 copper wire data paths, fiber optic cable or coax cable (Perimitrax). The NC monitors all the devices, checks network integrity, and reports diagnostic information to the Senstar 100.

Sennet's powerful data protocol and redundant hardware ensure that intrusions are always reported. Dual physical data paths increase reliability. Powerful data error detection algorithms enable alarm messages to get through even in the presence of noisy or intermittent data paths. Sabotage or tampering with the messages or the hardware enclosures is detected and reported.

The Senstar 100 processes data using QNX®, a real-time, multi-tasking operating system. This system is embedded, so operators can't access it, and it has no known viruses. It allows for simultaneous operations by the operator and the supervisor/maintenance technician from separate workstations. Operators can be assigned passwords and can be restricted to certain menus and functions.

The data are displayed on up to 64 custom-drawn color-graphic site maps. All zone and sensor locations are displayed and color-coded to indicate their status at any given time. Operators respond to alarms or prompts by touching the screen. The activation of alarms or the touching of a icon on the screen can also initiate other responses, such as sounding a siren, turning on a light, activating a VCR or switching a series of CCTV cameras. Enhanced alarm processing allows scheduled zone access times, securing a zone after a pre-defined access time, timed alarm delay for entry or exit, and the combining of up to eight inputs to produce multiple condition (AND/OR) (joint-domain) alarms.

Senstar 100 provides full diagnostic support and central calibration of Perimitrax, Intelli-FLEX and other Senstar-Stellar smart sensors from the Maintenance Station, to ensure optimum performance, minimum downtime and reduced costs.

Senstar 100 is flexible enough to suit any site requirements. There are small, medium and large models. The options include full redundancy, multi-stations for sharing operator workload, video switcher control and multiple language capability. The system can be expanded, upgraded or modified at any time.

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