

SENSIT DATA COLLECTOR

Key Features:

- Easy management for backend integration
- RS232 or Ethernet communication
- One Data Collector required per 100

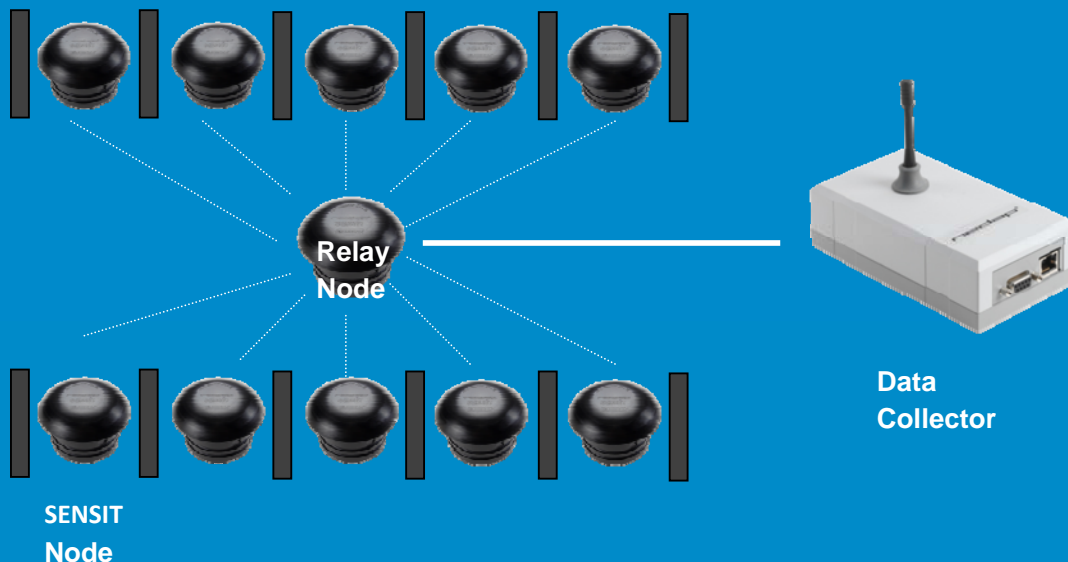


The SENSIT Data Collector is the central collection unit that collects raw data from the individual SENSIT nodes via wireless communication. It is the interface between the SENSIT nodes and the host system. The actual status (occupancy) of the SENSIT nodes is collected by one or more SENSIT Data Collectors.

The SENSIT Data Collector transmits status information about the nodes to the host system through RS232 or Ethernet communication.

Communication

Over RS232 the SENSIT Data Collector communicates via a serial connection to the host. Over TCP/IP the SENSIT DATA COLLECTOR communicates directly on your LAN network. The TCP/IP communication allows you to decide on direct communication or to make use of a database application. Optionally the SENSIT Interface Module (SIM) can be applied to configure the raw data received from the Data Collector.



Specifications

Data Collector

Operating frequency	868 MHz (Europe) 902-928 MHz (US)
Dimensions housing excl. antenna	110 x 65 x 125mm (4.3 x 2.6 x 4.9 in)
Weight	105 gram [0.7 oz]
Protection	IP44
Colour	Grey, according to RAL 7035
Operating temperature	0 ... +55°C [32°F ...+185°F]
Storage temperature	-20 ... +65°C [-4°F ...+149°F]
Communication range	From SENSIT Node to Data Collector the sensors communicate to each other. The nearest node should be positioned within 25 meters [82 ft] of the Data Collector. It is possible to install multiple Data Collectors in one parking facility.
Max amount SENSITS	One Data Collector required per 100 SENSIT nodes.
Communication interfaces	RJ-45, TCP/IP or SUB-D9, RS232
Humidity	10% ... 90% relative humidity, non condensing
Power	Included adapter: 100-240Vac, 50-60 Hz, 180mA.
Power input data collector	5Vdc, max. 1A
Power consumption	5VA
Antenna connection	Antenna included.
Part numbers	9889582 Space Count Data Collector (Europe) 9898590 Space Count Data Collector (US)