

# DATA COLLECTOR

| interface wireless sensors and software



## KEY FEATURES:

- Self-healing network
- Automatic data collection and insertion into SENSIT Interface Software
- Bidirectional communication with all components of the wireless mesh network
- Ethernet or GPRS communication
- Back up functionality

## Data Collector

The Data Collector is the interface between the vehicle detection sensors, the Relay Node and the SENSIT software. The Data Collector collects actual status data from the individual sensors via the Relay Node through the wireless mesh network.

## Automatic data collection

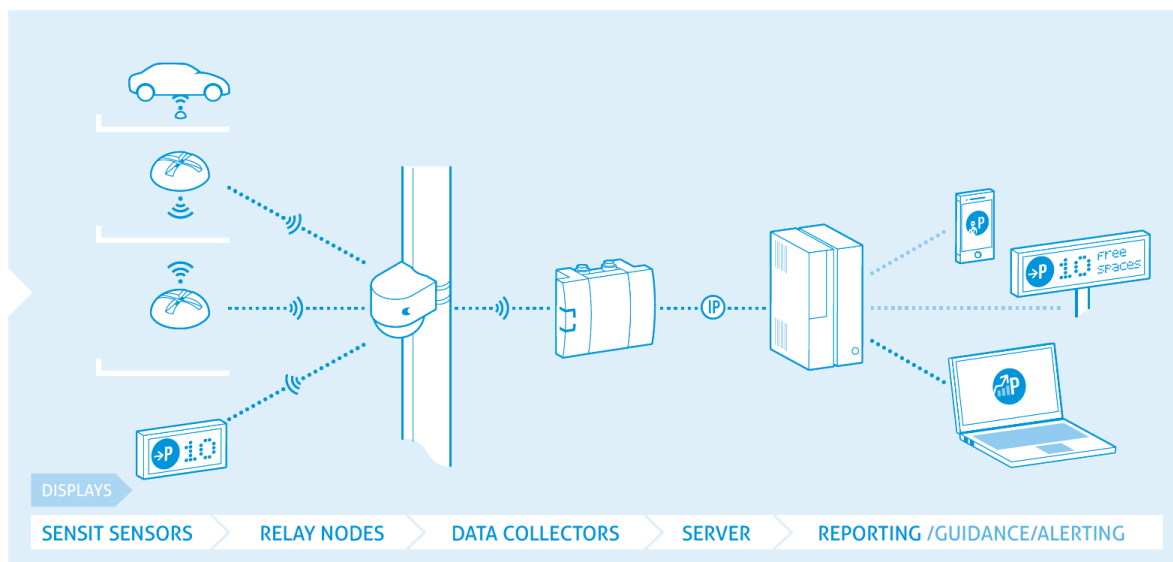
Offering a variety of communication options, the Data Collector automatically inserts all the collected data in the database. Integration with parking guidance, traffic guidance and enforcement systems can be realized on server level.

## Bidirectional communication



The Data Collector allows you to operate, maintain or configure the equipment in the wireless mesh network using bidirectional communication with the systems components.

## Back up functionality

The Data Collector is featured with back up battery to ensure the wireless mesh network will remain operational even in case of power failure. Additionally the Data Collector can be connected to the power source of a lamppost or solar power panel.



# SPECIFICATIONS

Technical information	Data Collector IP65 GPRS	Data Collector
Product		
Operating frequency	868 MHz (EU) 902-928 MHz (US) 915-928 MHz (AU)	868 MHz (EU) 902-928 MHz (US) 915-928 MHz (AU) 920-925 MHz (SG)
Dimensions housing LxWxH	250 x 90 x 250 mm [9.9 x 3.5 x 9.9 in] excluding pole mount	125 x 110 x 65 mm [4.9 x 4.3 x 2.6 in] excluding antenna
Weight	2200 gram [77 oz]	105 gram [3.7 oz]
Protection	IP65	IP44
Colour	Aluminium & dark blue side covers RAL5011	Grey, according to RAL 7035
Operating temperature	-40°C ... +65°C [-40°F ...+149°F]	0°C ... +55°C [32°F ...+ 85°F]
Storage temperature	-40°C ... +65°C [-40°F ...+149°F]	-20°C ... +65°C [-4°F ...+149°F]
Communication range	From SENSIT to Data Collector the sensors communicate to each other The nearest node should be positioned within 25 meters [82 ft] of the Data Collector and 10m [33ft] of the Data Collector IP65 GPRS. It is possible to install multiple Data Collectors in one parking facility	
Communication interfaces	GPRS (SIM card not provided)	RJ-45,TCP/IP or SUB-D9, RS232
Power	100-240Vac, 50-60 Hz, 15VAC	Adapter: 100-240Vac, 50-60 Hz, 5VAC
Antenna connection	Antennas included	Antennas included
Part numbers	9966480 SENSIT Data Collector IP65 GPRS EU 9966498 SENSIT Data Collector IP65 GPRS US 9966501 SENSIT Data Collector IP65 GPRS AU	9889582 SENSIT Data Collector EU 9898590 SENSIT Data Collector US 9965998 SENSIT Data Collector AU 9219587 SENSIT Data Collector SG
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