



Telematic Data Collector

Intelligent networking – harness your data and be proactive

SICK
Sensor Intelligence.



Product description

The Telematic Data Collector (TDC) networks sensors, machines, systems and vehicles using IIoT platforms. The data are transmitted wirelessly via mobile, radio communication or fixed-line connections. They can also be analyzed and evaluated locally (edge computing). It is also possible to set up user-defined real-time alarms (e.g., SMS notifications) via a variety of interfaces based on relevant data. The TDC brings together all the information along the value adding chain, thereby providing the ideal basis for wide-ranging analysis of that information and for deriving useful measures to increase productivity and efficiency.

At a glance

- Support for standardized interfaces and protocols for data communication
- Tailored configuration via a web-based user interface
- Integrated wireless technology and GPS module for precise position determination
- Open end-to-end IIoT architecture

Your benefits

- Simple, fast, cost effective and beneficial utilization of data
- Maximum availability of sensors and machines through real-time monitoring with user-defined alarms
- Broad range of applications thanks to the many connection and communication options available
- Future-proofed thanks to the use of open standards

Fields of application

- Networking of sensors, machines, systems and vehicles using IIoT platforms
- Data provision and analysis for generating statistics and forecasts
- Monitoring of processes in process, factory and logistics automation
- Remote maintenance and monitoring of systems

Ordering information

Other models and accessories → www.sick.com/Telematic_Data_Collector

Description	Network coverage	Tasks	Items supplied	Type	Part no.
The Smart Service Gateway safely and reliably connects sensor and machine data to the SICK RemoteService and Monitoring Box digital services. It consists of a TDC-E with the pre-installed Remote Service Connect and Monitoring Connect microservices.	Europe Middle East Africa APAC without Japan	Connection to digital services	TDC-E210GC with Remote Service Connect and Monitoring Connect	SSG-E210GC	1124771
	North America Latin American	Connection to digital services	TDC-E210AC with Remote Service Connect and Monitoring Connect	SSG-E210AC	1127750
The gateway networks sensors, machines and IIoT platforms for collecting and preprocessing local sensor and process data.	Europe Middle East Africa APAC without Japan	–	TDC-E210GC with mobile communication (without data flow) including connecting cables and operating instructions	TDC-E210GC	6070344
	North America Latin American	–	TDC-E210AC with mobile communication (without data flow) including connecting cables and operating instructions	TDC-E210AC	6079357
	Worldwide	Condition monitoring, stock monitoring, outdoor location finding, user-defined real-time alarms	TDC-B100 with mobile communication (EU 27+2 unlimited flow of data) including TDC configuration software, connecting cables and operating instructions	TDC-B100	6064656
			TDC-B200 with mobile communication (EU 27+2 unlimited flow of data) including TDC configuration software, connecting cables and operating instructions	TDC-B200	6064657
		Condition monitoring, stock monitoring, user-defined real-time alarms	TDC-M100 and mobile communication (EU 27+2 unlimited flow of data) including TDC configuration software and operating instructions	TDC-M100	6065413

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com