

SICK.COM



PRODUCT OVERVIEW

TIC501

Profiling systems

SICK

Sensor Intelligence



PROFILING SYSTEMS

TIC501

Easy detection and classification of vehicles

The TICx01 (traffic information collector) profiling system is designed for traffic management optimization in free-flowing traffic. With just one sensor, vehicles of all types are detected in several lanes, thereby keeping installation and commissioning costs low. The TICx01 can either be installed over lanes, between two lanes or next to the road on street lamps and poles. The measurement data recorded can be used to generate a 3D model of each vehicle. This data allows for classifying vehicles in up to 30 classes.

TIC501 AT A GLANCE

BENEFITS

- Reliable vehicle detection and classification in several vehicle lanes
- Continuous detection of traffic data, even with temporary modifications to lanes, for example around construction sites
- Flexible output of up to 30 vehicle classes, e.g. TLS 8+1, TLS 5+1, TLS 2+1 or Swiss 10
- Quick, easy and cost-effective mounting without installation into the road surface
- Can be used in all climate zones from -40 °C to +60 °C thanks to the expanded temperature range
- Quick data access due to storage directly in the customer system via FTP or UNC transmission
- Easy commissioning and operation thanks to an intuitive configuration wizard

FEATURES

- Vehicle counting and classification in free-flowing traffic
- Data output as a point cloud
- Data history of the last 50 vehicles detected in the user interface
- TCP/IP interface for data transmission
- Event logging and monitoring of system status

TECHNICAL DATA OVERVIEW

Weight	4.4 kg
Object movement	Dynamic
Ambient temperature, operation	-40 °C ... +60 °C
Communication interface	Ethernet
Application	Traffic management
Application	Classification, Traffic data collection

Select the right product variant and accessories directly online. There you will also find example applications as well as downloads such as CAD dimensional models, operating instructions and software.

www.sick.com/TIC501



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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnership with our customers is more than just a promise: Together, we optimize productivity, elevate quality, protect health and safety, and sustain the future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions.

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