



MINESIC100 TCW

Operator assistance for underground mining vehicles

DRIVER ASSISTANCE SYSTEMS

SICK
Sensor Intelligence.



Technical data overview

Display	4.3" touch display
Monitored area	Vehicle front and rear end, rear side left, rear side right
Warning zones	2
Areas of application	Mining
Ambient temperature, operation	-20 °C ... +50 °C



Product description

The MINESIC100 TCW is a high performance collision awareness, guidance and tunnel collision warning system, ideally suited for most underground mining vehicles. This robust system utilizing advanced laser scanner technology, provides underground vehicle operator assistance for the safe and efficient maneuvering within the close proximity of the tunnel wall. The system is easily installed on a variety of underground mine vehicles.

At a glance

- Front and rear-end tunnel collision warning
- Corner cutting and over shooting warning
- Active assistance for maneuvering in confined spaces – displays the tunnel wall outline
- Visual feedback (touch screen operator display) and audible alarm
- Open interface to fleet management / dispatch systems & event logging
- Full functional operation across speed range (0...v_{max})

Your benefits

- Reduction of incidents, downtime and repair costs
- Detection and tracking of moving and stationary obstacles without the need for RFID tags
- Active situation dependent warning with low false alarm rates
- Simple installation, easy to operate
- Easy to maintain – Integrated test function and reporting
- Configurable to mine site operational requirements
- Full service package provided by SICK LifeTime Services
- Sound system knowledge thanks to comprehensive user training

Fields of application

- Mining vehicles in underground mines
- Haul trucks in underground mines
- Load haul dumps in underground mines

Ordering information

Other models and accessories → www.sick.com/MINESIC100_TCW

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