



S300 Mini

Compact safety laser scanner with the essential features

SICK
Sensor Intelligence.



Technical data overview

Application	Indoor
Protective field range	1 m / 2 m / 3 m (depending on type)
Warning field range	8 m
Scanning angle	270°
Number of fields	3 / 48 (depending on type)
Number of monitoring cases	1 / 32 (depending on type)
Response time	≤ 80 ms ¹⁾
OSSD pairs	1 / 0 (depending on type)
Integration in the control system	Local inputs and outputs (I/O) / EFI (depending on type)
Safety level	PL d, SIL 2, Type 3

¹⁾ Depending on basic response time and multiple sampling.

Product description

Thanks to its compact housing, the S300 Mini safety laser scanner is especially suited for use when space is at a premium, e.g., for hazardous area protection on automated guided vehicles or on machines with little space. Numerous field sets allow the simultaneous use of protective and warning fields in order to minimize downtimes and wear and tear. The S300 Mini is conveniently configured via the PC-based CDS software. The Mini Remote sensor variant also offers extended communication options. When combined with safety controllers from SICK, this enables comprehensive safety solutions to be designed.

At a glance

- Compact design
- Up to 3 m protective field range
- 270° scanning angle
- Up to 48 freely configurable fields and 16 switchable field sets
- Configuration using the CDS software
- EFI interface for safe SICK device communication

Your benefits

- Successfully in use for more than 10 years
- Easy integration due to compact design
- 270° scanning angle allows allround protection using only two scanners
- Safe SICK device communication for easy integration of safety laser scanners and low cabling requirements

Fields of application

- Protection of automated guided vehicles (AGVs)
- Horizontal and vertical access and hazardous area protection on machines and systems

Ordering information

Other models and accessories → www.sick.com/S300_Mini

- **Scanning angle:** 270°

Sub product family	Protective field range	Number of fields	Type	Part no.
S300 Mini Standard	1 m	3	S32B-0011BA	1058000
	2 m	3	S32B-2011BA	1050932
	3 m	3	S32B-3011BA	1056430
S300 Mini Remote	2 m	48	S32B-2011EA	1051884
	3 m	48	S32B-3011EA	1056431

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