



S300

Time for a generation change

SICK
Sensor Intelligence.



Technical data overview

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

¹⁾ Depending on basic response time and multiple sampling.

Product description

S300 passes the baton to nanoScan3: After many years of successful use in countless industries, the S300 safety laser scanner is now handing over the baton to its successor, nanoScan3.

nanoScan3 is the smallest safety laser scanner from SICK and is ideal for the protection and localization of mobile platforms. Thanks to the reliable safeHDDM® scanning technology, it delivers high-precision measurement data and is extremely resistant to light, dust or dirt. With smart connection technology, a scanning angle of 275°, a rugged design and a comprehensive portfolio, the nanoScan3 also offers the right successor product for your application.

Are you using a S300 and looking for the right successor product?

Discover the successor to your S300

Ordering information

Other models and accessories → www.sick.com/S300

- **Model:** sensor without system plug
- **Scanning angle:** 270°

Product version	Protective field range	Number of fields	Type	Part no.
S300 Standard	2 m	3	S30B-2011BA	1026820
	3 m	3	S30B-3011BA	1056427
S300 Advanced	2 m	12	S30B-2011CA	1026821
	3 m	12	S30B-3011CA	1056428
S300 Professional	2 m	24	S30B-2011DA	1026822
	3 m	24	S30B-3011DA	1056429
S300 Expert	2 m	48	S30B-2011GB	1050193
	3 m	48	S30B-3011GB	1057641

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