

SafeZone Mini Safety Laser Scanner

Single Safety Field and Up to Two Warning Fields
– 2 m and 3 m versions available

Features

- Type 3 per IEC 61496, PLd per ISO13849-1, SIL 2 per IEC 61508
- Designed for stationary and mobile applications
- Park mode selectable for mobile applications
- Two configurable I/O for added functionality
- Class 1 Laser (eye safe)
- Two warning fields can help reduce brake wear on AGVs
- Multiple samplings can be configured for difficult environments
- Integrated External Device Monitoring (EDM)
- Selectable resolutions of 30 mm, 40 mm, 50 mm, 70 mm and 150 mm
- 7-segment display for diagnostic messaging, can be rotated 180°
- Simple connection with 8-pin M12 QD connector
- Replaceable optic cover
- A variety of mounting brackets are offered
- A global safeguarding solution that meets all applicable directives and is third-party tested and approved by UL and TÜV. It also meets C-Tick requirements for the Australian market



Rockwell Automation has expanded the Allen-Bradley® Guardmaster® SafeZone™ family of safety laser scanners with the release of the new 3 m SafeZone Mini Safety Laser Scanner. These compact devices are designed for stationary and mobile applications and feature a scanning angle of 270°.

The SafeZone Mini Safety Laser Scanners have a single configurable safety field and one or two configurable warning fields. The second warning field can be configured through one of the configurable I/O.

A Flexible, Easy-to-Use Machine Guarding Solution

SafeZone Mini Laser Scanner uses the same recently upgraded Windows based SCD programming software as the larger SafeZone laser scanners and shares the same functionality as the other SafeZone safety laser scanners in terms of configurable resolutions & response times, multiple samplings, restart delay up to 60 seconds, and restart interlock.

Designed to meet international safety standards, such as EN ISO 13849-1, EN 62061 and EN IEC 61496, the SafeZone Mini Laser Scanner features an eight-pin integrated M12 QD connector which makes for a simple connection of the device.

Functional Reliability for Stationary or Mobile Applications

The SafeZone Mini safety scanner is a flexible, rugged, cost-effective solution suited for a wide range of industrial safety applications. Common uses for this safety scanner include personnel detection in front of a machine or equipment hazards, particularly when a safety mat solution would require a non-standard or irregularly shaped configuration.

LISTEN.
THINK.
SOLVE.®

Product Selection

	Product Description	Catalog Number
	SafeZone Mini Safety Laser Scanner, 2 Meter Safety Field	442L-SFZNMN
	SafeZone Mini Safety Laser Scanner, 3 Meter Safety Field	442L-SFZNMN3
Required Cabling		
	SafeZone Mini Cordset 2.5 Meters	442L-ACABL2
	SafeZone Mini Cordset 10 Meters	442L-ACABL10
	SafeZone Mini Cordset 20 Meters	442L-ACABL20
Required Program Cable		
	2 Meter USB Programming Cable	442L-ACUSB-2
	10 Meter USB Programming Cable	442L-ACUSB-10
Mounting Brackets*		
	SafeZone Mini Mounting Bracket 1	442L-AMBSZMN1
	SafeZone Mini Mounting Bracket 2	442L-AMBSZMN2
	SafeZone Mini Mounting Bracket 3	442L-AMBSZMN3
	SafeZone Mini Mounting Bracket 4	442L-AMBSZMN4
Replacement Optical Cover		
	Safe Zone Mini Replacement Window Kit	442L-SZMNW

* Bracket 1 or 2 attaches to the SafeZone Mini. Brackets 3 and 4 are used in conjunction with either bracket 1 or bracket 2.

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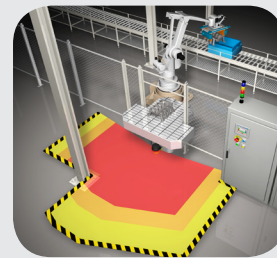
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Typical Applications



Can be used as a safety mat replacement especially when irregularly shaped safety mats are required.



In AGV applications, two warning fields can gradually slow the AGV thus reducing brake wear.

Scan the QR code to learn more at the SafeZone website.

