

Safety Laser Scanner OS32C

Compliant with PLd/Safety Category 3

Compact, Lightweight and Easy-To-Use Safety Laser Scanner



EtherNet/IP™

» Compact, power-saving scanner for AGV

» EtherNet/IP to improve interoperability with standard control

» Easy zone configuration using PC

Low profile allows installation in small spaces

For collision avoidance of AGVs (Automated Guided Vehicles)

For intrusion detection through an entrance

For presence detection within a machine's hazardous area

Operating state can be determined at a glance

Eight sector indicators* show the direction of intrusion. Front display shows operating state and error codes.

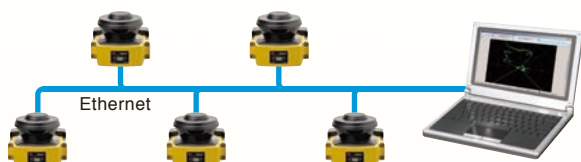


* US patent No. for individual sector indicators: US 6,753,776 B2

Integrated management via Ethernet

Industry's first Ethernet-compliant Safety Laser Scanner allows the user to check operating state and analyze the cause of an emergency stop via LAN even in large-scale applications using multiple scanners.

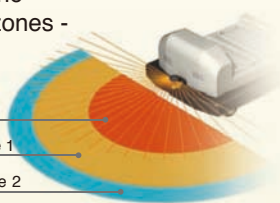
* Multiple OS32Cs cannot be monitored simultaneously.



Setting 70 combinations

For complex AGV applications, up to 70 combinations - each with one safety zone and two warning zones - can be set. The two warning zones can be set to support various purposes such as warning sound and speed control.

Safety Zone
Warning Zone 1
Warning Zone 2



Simplified Wiring

OMRON STI's innovative I/O method requires fewer inputs when configuring multiple zones. Only 4 inputs are required to select from 6 zone sets. If all 8 inputs are used, up to 70 zone sets are available.

104.5mm

133.0mm

142.7mm