Safety Laser Scanner

The OS32C is the world’s most compact safety laser scanner measuring only 133mm x 143mm x 105mm (max), making installation in the most confined spaces possible.

The low profile of the unit (only 105mm) also means that the detection height is kept to a minimum. Easy configuration and the ability to pre-program up to 70 zone sets, make the OS-32C one of the most versatile choices for laser scanner applications.

- Compact size for easy mounting
- 3m Safety zone / 10m warning zone
- Conforms to Type 3 / PLd / SIL 2
- 70 Programmable zone sets
- Ethernet connectivity

LARGE SCAN AREA
The OS32C offers a 270 deg. detection angle, the widest available in industry, enabling the maximum possible coverage from a safety scanner. With a safety scan zone of 3m and a warning zone of 10m, the OS32C has the flexibility expected of a high performance scanner.

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

ACTIVE INDICATION
Eight sector indicators located around the circumference of the scan window provide visible indication of the direction of intrusion. The OS32C also has built-in indicator lamps and an LED interface, so the status of the system can be easily determined without the need for a PC.

A full range of accessories are available to compliment the OS-32C scanner, including brackets which support various mounting configurations and fixed stands which guard the scanner from damage.

PRESENCE DETECTION
Laser scanners provide robust presence detection for large work areas, for example robot cells. With a safety detection zone of 3m and 270deg detection angle large spaces can safely be monitored.

INTRUSION DETECTION
Laser scanners offer a flexible alternative to intrusion detection, by utilising pre-programmed zones sets, access to the machine can be alternated and controlled with ease. Allowing efficient load/unload cycles.

EASY CONFIGURATION SOFTWARE
The OS32C configuration software is intuitive and easy to use, allowing fast and pain-free programming. The configuration of the safety and warning zones can be done in real time using a PC. Configurations can also be created offline and downloaded at a later stage.

COLLISION AVOIDANCE (AGV’S)
The small, light and compact body provides for easy installation on an AGV. Low power consumption (5W) reduces battery load on the AGV. (3.75 W in standby mode) Up to 70 zone set combinations support complex AGV routes.

Run Indicator
Stop Indicator
Warning Output Indicator
Status/Diagnostics display

* US patent No.: Us 6,753,776 B2

View more information or to place an order

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• Conforms
to	Type	3	/ PLd	/ SIL 2
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104.5 mm
142.7 mm
133.0 mm