

# MS835

## Rugged Handheld Laser Scanner



### High Performance Laser Scanning

For the ultimate in laser scanning performance, flexibility and reliability look no further! The MS835 offers all of this and more at a very competitive price.

This latest offering in the successful MS83x range has been enhanced to include a proven high performance laser scan engine with an impressive scan rate and excellent reliability. It is also RoHS compliant.

Fully backward compatible with the rest of the successful MS83x range, the MS835 is able to use all of the range's accessories, enabling existing users to seamlessly upgrade or extend their hardware base, and roll out new applications.

### Maximum Flexibility

The MS835 comes with a range of interfaces to suit every application, including keyboard wedge, RS232 and USB. Its interchangeable cable helps to minimise downtime and a powerful decoder allows data to be formatted and edited before it is sent to the host, making software

changes unnecessary. For applications in noisy environments, the audible good read confirmation beep can be increased ensuring operators never miss a read.

### User Friendly

The ergonomic design of the MS835 means your users won't want to put it down but in case they drop it then rubber protectors will ensure that it survives, even when dropped to concrete from a height of 1.5m. For those applications requiring occasional or continual hands-free scanning the optional stand allows the MS835 to be used as a presentation scanner.

### Main Features

- High performance laser scanner
- Ergonomic design for maximum user comfort
- Fast and accurate reading of all major 1D barcodes
- Rugged design able to withstand multiple 1.5m drops to concrete
- Multiple scanning modes (trigger, flash, continuous)
- Optional hands free stand for presentation scanning
- Easy programming with scanner configuration manager (Windows 98/2000/XP)

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## Specifications

### OPTICAL & PERFORMANCE

Receiving Device	MSL-2000 laser engine
Light Source	Visible Laser Diode 650 nm
Scan rate	100 scans/second
Max. Resolution	0.127mm
Reading distance	Up to 55cm
Printing Contrast Scale	70% Minimum
Skew angle	±50 degrees
Pitch angle	±35 degrees

### FUNCTIONALITY

Symbologies	UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 full ASCII, Code 93, Code 32, Interleaved & Std. 2 of 5, EAN 128, Code 11, Delta, MSI/Plessey, Code 128, Toshiba, EAN 128.
Operation modes	Trigger, Flash, Multiscan, One Press One Scan
Data Formatting	Prefix, Suffix, Code ID, Reformatting Data
Function keys	PC, Macintosh and IBM terminal keyboard

### ELECTRICAL

Operating Voltage	DC 3V to 5V
Current Consumption	Operation mode: <80mA, Standby mode: <45mA

### COMMUNICATION AND I/O

Interfaces Supported	Keyboard Wedge, RS232, USB, Wand Emulation
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### MECHANICAL

Dimensions	100 mm (L) x 70 mm (W) x 180 mm (H)
Weight	143 g

### ENVIRONMENTAL

Operating temperature	0°C to 50°C
Storage temperature	-20°C to 60°C
Humidity	20% to 85% non-condensing
Drop Test	1.5m onto concrete

### REGULATORY APPROVALS

CE, FCC, BSMI

### ACCESSORIES

Hands-free stand  
Interface cables

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ORACLE PARTNER



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