



MS837

Simple, Ergonomic, Reliability

Simple operation, user-friendly ergonomics and excellent reliability, the Unitech MS837 hand-held laser scanner is ideal for a broad range of market applications such as menu scanning, point-of-sale, document processing, and inventory control.

With advanced laser scanning technology, MS837 has a longer working range and a wider scan field than a typical CCD device. Pulsing-laser-line switch allows users to easily target the desired barcode and complete data transmission with the press of a single button that helps users to operate efficiently. It also saves operating time of the laser engine for long up-time use. These powerful features enable users to operate smoothly and keep maximum productivity.

Easy to set up, MS837 is available with USB and Keyboard Wedge Interfaces. If you are seeking for high-quality and cost-effectiveness device, then MS837 is the right scanner for you.

Features

- **Intuitive and aggressive handheld scanning performance**
Offers longer working range, a wider scan field, high-speed and sensitive scanning performance.
- **Reads all linear bar codes**
Reads all popular standard 1D barcodes and meets the requirements of most application conditions.
- **High cost-effectiveness**
Enjoys superior performance at very competitive price, the performance of a laser scanner bought at the price of a red-light scanner.
- **Ergonomic Design**
Fits comfortably in any user's hands to reduce the fatigue of long-time operation.



Optical & Performance

Receiving Device	Laser engine
Light Source	Visible Laser Diode 650 nm
Max. Resolution	4mil (0.1mm)
Scan Rate	72 scans/second
Scan Angle	46° (typical), 35°± 3° (narrow)
Printing Contrast Scale	35% Minimum
Reading Distance (DOF PCS=80%)	

Label / DOF	near	far
Code 39, 5mil	7.6 cm	12.7 cm
Code 39, 7.5mil	5 cm	20.3 cm
Code 39, 10.4mil	2.5 cm	22.8 cm
Code 39, 13mil	1.2 cm	25.4 cm

* =dependent on width of bar code

Electrical

Operation Voltage	5VDC ±0.25V
Current Consumption	675mW (125mA@5V-decoding) 675mW (125mA@5V-standby)

Mechanical

Scanner Dimension	H153*W70*L110mm
Scanner Weight	120g (without cable)

Environmental

Mechanical Shock	1M onto concrete
Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 60°C
Relative Humidity	5% to 95% non-condensing

Communication

Host Interface supported	USB & Keyboard wedge
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Regulation Approvals

CE, FCC, BSMI

Accessories

Stand
Cable

Functionality

Operation Mode	Trigger mode, Auto scan mode
Symbologies	All standard 1D and GS1 databar symbologies



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