



MS837

Reliable & Affordable Barcode Scanner

Simple operation, user-friendly ergonomics and excellent reliability, the Unitech MS837 handheld 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, the MS837 has a longer working range and a wider scanning field than a typical CCD device. The easy-to-use scan trigger and pinpoint aiming pattern make scanning barcodes simple and efficient. The MS837 offers users a scanner that not only improves productivity, but does it easily and reliably.

The MS837 features a USB interface that is easy to set up and configure. If you are seeking a high quality, cost effective device, then the MS837 is the right scanner for you.

Main Features:

- **Intuitive and aggressive handheld scanning performance**
Offers a longer working range, wider scan field and higher scanning speed than CCD devices.
- **Reads all linear bar codes**
Scans all standard 1D barcodes and is rugged enough for most on-premise applications.
- **Cost-effective solution**
Superior performance at a fraction of the cost – all the benefits of a laser scanner for the price of a CCD scanner.
- **Ergonomic design**
Lightweight, comfortable fit ensures user comfort during extended hours of 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

Functionality

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

Electrical

Operation Voltage	5VDC ±0.25V
Current Consumption	700mW (140mA@5V-standby) 975mW (195mA@5V-decoding)

Mechanical

Scanner Dimension	6"H x 2.7"W x 4.3"D
Scanner Weight	120g (without cable)

Environmental

Operating temperature	0°C to 40°C
Storage temperature	-40°C to 60°C
Relative Humidity	20% to 85% non-condensing
Drop Test	3-foot

Communication

Host Interface supported	USB & Keyboard wedge
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Accessories

Cable
Stand

Regulatory Approvals

CE, FCC, BSMI



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Unitech America, Inc. | 6182 Katella Avenue | Cypress, CA 90630
714-891-6400 ph | 800-861-8648 toll | 714-891-5050 fx