



Unitech's Bluetooth Laser Scanner brings mobility in Barcode Scanning...

MS860, a handheld wireless laser scanner, specifically designed for applications in markets such as Cash&Retail, Inventory, Back office, and Document tracking. The incorporated Bluetooth module allows the MS860 to be used in within approx. 30m of its base unit and gives users more mobility and freedom to scan bulky and hard to reach items or to perform scanning away from a cash register or terminal in high-volume environments.

The MS860 incorporates valuable features especially designed for the user in the field. The bi-directional communication and confirmation by the loud buzzer will guarantee every transmission is received successfully, or "out of range" is detected immediately in all environments to be aware by user easily. Besides this valuable feature, the base unit has an interchangeable interface design, ensuring that cables can be replaced without having to install new drivers and that one base unit fits all interfaces supported.

The configuration and data editing utility enables users to format data before sending to the host computer. Thanks to the feature, MS860 can almost be simply plugged in and/or replacing most using scanners.

The rugged yet ergonomic design ensures comfortable usage in all kinds of environments. From the check-out counter to the back office environment the MS860 will prove its value by speeding up the checkout process, shorten the queues, and increase customer satisfaction thanks to effective scanning.

The MS860 comes with 3 YEAR limited factory warranty along with its very low cost of ownership.

Main Features

- Accommodating a laser scanning technology
- Unlicensed 2.4GHz Bluetooth
- Compatible with other Bluetooth devices
- Working range of 30m, line of sight
- Bi-directional communication ensures clear users feedback
- Lithium-Ion battery 3.7V 1900mAH
- Withstands 1.5m to concrete floor
- Interchangeable cable design
- Auto-discriminating interface design
- Base unit supports keyboard wedge, RS232 and USB
- 3-year limited warranty

► Performance/Optics

Optical System	Symbol SE 1200WA
Light Source	Visible Laser Diode 650nm
Scan rate	35 (±5) scans /sec (bi-directional)
Maximum res.	0.1mm (4 mil)
Reading distance	Up to 63,5 cm
Reading width	Up to 53cm on 55 mil resolution
Scan Angle	53° ± 2°
PCS	Minimum 20%

► Functionality

Symbologies:

CODE 39 full ASCII	CODABAR	Label Code
CODE 39 Standard	CODE 128	Plessey Code
EAN-13	CODE 93	CODE 11
UPC-A	Standard 2 of 5	China Postal Code (Toshiba Code)
EAN-8	MSI Code	CODE 32 (Italian Pharmacy)
UPC-E	EAN-128	Interleaved 2 of 5

► Communications

Radio	Unlicensed 2.4GHz Bluetooth point to point
Radio range	Up to 30m, line of sight
Cradle/host	USB keyboard/RS232 serial/keyboard wedge
Communication	Bi-directional
Out of range	error tone indication

► Electrical

Battery Type	Lithium-ion
Battery capacity	3.7V 1900 mA/H
Operating time	More than 16 hours (5 scans/sec)
Battery recharge time	Fully charged in 4.5 hours
Blue tooth module	Built in scanner and cradle
Buzzer	90dB from 10m distance measured



► Cradle & Accessories

Cradle and Power Supply unit	Operating from separate 9V, 1.2A power supply
Cables for cradle	Current RS232/USB/Keyboard wedge
Holster and Belt	
User's manual	
Hand strap	

► Packaging

The MS860 is standard delivered in a complete set (MS860-WKE or MS860-WKB) containing the following

- MS860
- MS086 Base unit
- EU (MS860-WKE) or UK (MS860-WKB) Power Supply
- Keyboard Wedge cable
- Manual

► Mechanical

Weight	310g
Dimension	130 mm (L) x 89 mm (W) x 144 mm (H)
Connector Type	RJ 45 phone jack

► Environmental

Operating Temperature:	0 °C to 50 °C
Storage Temperature:	-20 °C to 60 °C
Humidity:	5% to 95% non-condensing
ESD Protection:	Functional after 8K Contact and 12K Air
Mechanical Shock:	1.5m onto concrete

► Regulatory Approvals

CE, FCC, BSMI

► Models

The MS860 is standard delivered in a complete package containing the MS860, Base unit for charging & communication, keyboard wedge cable and power supply

MS860-WKB	MS860, MS086, k/w cable, UK PSU
MS860-WKE	MS860, MS086, k/w cable, EU PSU



MS860-06V3

UNITECH EUROPE is the head office for EMEA

Kapitein Hatterasstraat 19
5015 BB Tilburg, The Netherlands

Tel: +31.13.460 9292
Fax: +31.13.460 9293

www.unitech-europe.com
e-mail: sales@unitech-europe.nl

Unitech Electronics (Headquarter) Taipei, Taiwan

www.unitech-adc.com

Specifications subject to change without notice. Copyright Unitech Europe. All rights reserved.

Unitech is a registered trademark of Unitech Electronics Co., Ltd. All trademarks are the property of their respective owners.