



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.

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

MS860

Specifications

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

Symbolologies	CODE 39 full ASCII, UPC-A, Code 128, EAN 128, Code 11, CODE 39 Standard, UPC-E, Code 93, Code 32 (Italian Pharmacy), China Post Code, EAN-13, Interleaved 2 of 5, Standard 2 of 5, Label Code, EAN-8, Codabar, MSI Code, Plessey Code
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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 mAh
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

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MS860-06V3

