



### 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 up to 30m, line of sight |
| 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

