

# unitech

# MS860

## Rugged

# Mobile Laser

# Scanner



The Unitech MS860, with built in Laser Bar Code scan engine and Bluetooth, is an ideal choice for real time data collection & transaction.

### Real time data collection & transaction

Equipped with laser bard code scan engine for fast & accurate data collection. The incorporated Bluetooth module allows the MS860 to be used within approx. 30 Meter of its base unit and gives most mobility to boost productivities.

The LED & sound Beeper gives users clear indication of good scanning.

The configuration and data editing utility enable user to format data before sending to the host computer and eliminate costly modifications to the host software.

### Rugged design support true mobility

The rugged design meets 1,5 drop test to minimum down time. Rugged yet still ergonomic design easily fit into user's hand. Equipped with a rechargeable and high capacity Li-ion battery pack provides long operating hours up to 16 hours to support true mobility.

### Main Features

- Cable free scanning by using Bluetooth technology, Up to 30M working range
- Rechargeable Li-Ion battery supports wireless operation up to 16 hours
- 1.5M drop tested, minimum down time and repair cost
- Ergonomic design supporting long hours operation
- Using Laser technology for bar code scanning, easy & accurate
- Easy programming using Windows based software or bar code scanning
- Cradle for charging and communication, supports USB, RS232 and K/W interface

### Optical / Performance

Receiving Device	SE1200WA
Light Source	Visible Laser Diode 650nm
Scan rate	35 (±5) scans /sec (bi-directional)
Max. Resolution	0.1mm (4mil)
Reading distance	Up to 63.5 cm (25")
Reading width	Up to 53cm on 55mil resolution
Printing Contrast Scale	Minimum 20%
Scan angle	53° ± 2°
Symbolgies	Code 39, Full ASCII Code39, Interleave 2 of 5, Standard 2 of 5, China Postal, UPC, Delta Code, MSI, Plessey, Codabar, Code 11, EAN8/13, Code 93, Code 128, EAN128, Code32, Italian Pharmacy, Label Code

### Electrical

Battery Type	Rechargeable Li-Ion battery
Battery Capacity	3.7V 1900mAh
Battery Charging Time	Within 4.5 hours
Operating Time	Up to 16 hours at 1 scan per 5 sec
Buzzer	90dB from 10cm distance measured

### Communication

Radio Frequency	Unlicensed 2.4GHz Bluetooth
Radio Range	Up to 30M, line of sight
Out of range	Error tone indication

### Mechanical

Dimensions	Scanner: 130 mm (L) x 89 mm (W) x 144 mm (H) Cradle: 209 mm (L) x 99.2 mm (W) x 57.5 mm (H)
Weight	Scanner: 310g Cradle: 410g

### Environmental

Operating Temperature	0° C to 50° C
Storage Temperature	-20° C to 60° C
Humidity	5% to 95% non-condensing
ESD Protection	8KV Contact, 12KV Air
Drop Test	1.5M to concrete floor

### Cradle

Power	Operating from an external 9V / 2A power supply
Interface Supported	Keyboard Wedge, USB, RS232

### Regulatory Approvals

CE, FCC, BSMI



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