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 ergonometric 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

MS860
Specifications

► 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°
Symboligies	Code 39, Full ASCII Code39, Interleave 2 of 5, Standard 2 of 5, China Postal, UPC, Delta Code, MSI, Plessy, 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 a external 9V / 2A power supply
Interface Supported:	Keyboard Wedge, USB, RS232

► Regulatory Approvals

CE, FCC, BSMI