

# MS860 WiFi

## Wireless Rugged Scanner



Working with your existing wireless network, the Unitech MS860 WiFi handheld wireless scanner frees users from restricting cables and base stations. The MS860 WiFi is ideal for real-time bar code data collection in warehouse, loading dock applications, inventory, back office, document tracking, retail environments - anywhere users want unrestricted movement or unlimited access.

The incorporated 802.11b module allows the MS860 to be normally used within approximately 30 meters from a wireless network access point, and up to 100 meters in an open environment, giving users real mobility and freedom to easily scan bulky and hard to reach items.

The MS860 runs on an internal battery pack (3.7V 1900mAH) that yields an operating time of approximately 10 hours. Besides the high battery capacity and the freedom of mobility, the MS860's ergonomic design provides comfortable use for long periods of operation. The MS860 helps speed up checkout, shortens checkout lines, and increases customer satisfaction thanks to its fast and versatile scanning capabilities.

#### Features

- The first 802.11b wireless scanner on the market
- Cable-free scanning using wireless communication
- Over 30 meters working range - up to 100 meters direct line of sight
- Rechargeable Li-Ion battery supports wireless operation up to 10 hours
- 1.5 meter drop tested, minimizing down time and repair cost
- Ergonomic design enables long hours of operation
- Perfect for "un-tethered" applications
- Easy programming using Windows based software or bar code scanning

### Optical / Performance

Receiving Device	Symbol SE-900
Light Source	Visible Laser Diode 650nm
Scan rate	39 (±3) scans / sec
Max. Resolution	0.125mm (5mil)
Reading distance	Up to 55cm on 40mil resolution
Reading width	Up to 55cm on 40mil resolution
Printing Contrast Scale	Minimum 25%
Skew angle	±60 degrees
Pitch angle	±65 degrees

### Electrical

Battery Type	Lithium-ion
Battery Capacity	3.7V 1900mAh
Battery Charging Time	Fully Charged (100%) in 4.5~5 hours
Operating Time	10 hours under per 5 sec scan
Buzzer	75dB from 10cm distance measured

### Mechanical

Dimensions	Scanner: 5.1" x 3.5" x 5.7" (130mm x 89mm x 144mm) Cradle: 8.2" x 3.9" x 2.3" (209mm x 99mm x 58mm)
Weight	Scanner: 10.9 oz. (310g) Cradle: 14.5 oz. (410g)

### Communication

Radio Frequency	2.4GHz compliant with 802.11b protocol standard
Radio Range	Over 30m up to 328 feet (100m) direct line of sight
Out of range	Error tone indication

### Environmental

Operating Temperature	32°F to 122°F (0°C to 50°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Humidity	5% to 95% non-condensing
ESD Protection	Functional after 4K Contact and 8K Air
Mechanical Shock	5 feet (1.5m) onto concrete

### Charging Cradle

Power	Operating from a separate 9V, 1.2A power supply
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### Regulatory Approvals

CE, FCC, BSMI

### Functionality

Symbologies	China Postal Code, Codabar, Code 11, Code 32, Code 39, Code 39 Full ASCII, Code 93, Code 128, Delta Code, EAN-8, EAN-13, EAN128, Italian Pharmacy, Label Code IV & V, MSI / Plessey, Interleaved 2 of 5, Standard 2 of 5, UPC-A, UPC-E
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