

MS860 WiFi RF Laser Scanner

New Product Introduction



**Unitech Elec. Co., Ltd.
APAC Region**

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I. Executive Summary

1. Product

The MS860, a handheld 802.11b RF scanner, is specifically designed to meet your application needs in any environment. This wireless scanner is ideal for any real-time bar code data collection such as warehousing, loading dock applications, inventory, back office, document tracking, retail environments and wherever cables limit movement or accessibility. Integrated with the 802.11b module, the MS860 has the range of up to 100 m in open environments away from the access point, which provides maximum mobility and freedom to scan bulky and hard to reach items.

Main Features of MS860 are as the followings:

- The first 802.11b wireless scanner in the market
- Cable free scanning through wireless communication
- Over 30M working range and up to 100M direct line of sight
- Rechargeable Li-Ion battery supports wireless operation up to 8 hours
- Passes 1.5M drop test
- Minimum down time and repair costs
- Ergonomic design that supports long hours of operation
- Cash and portable retail applications
- Easily programmable using Windows based software for bar code scanning

2. Primary Target Markets

<i>Market & Application</i>
Retail –Point of Sales (POS) and Back Office Application
Office Environment – Asset management
Warehousing – Shipping and Receiving

3. Product configuration

Please see pricing section of this document.

4. Product Roll out

NPI	October 21, 2005
Marcom material : Poster & Brochure	Brochure will be released by November 11, 2005
User's Manual	Available now.
Service Manual	To be released by November 21, 2005
Global Website Announcement	November 11, 2005
Sales & Technical Training	To be arranged.
Ordering	We can take order starting from Nov. 1, 2003

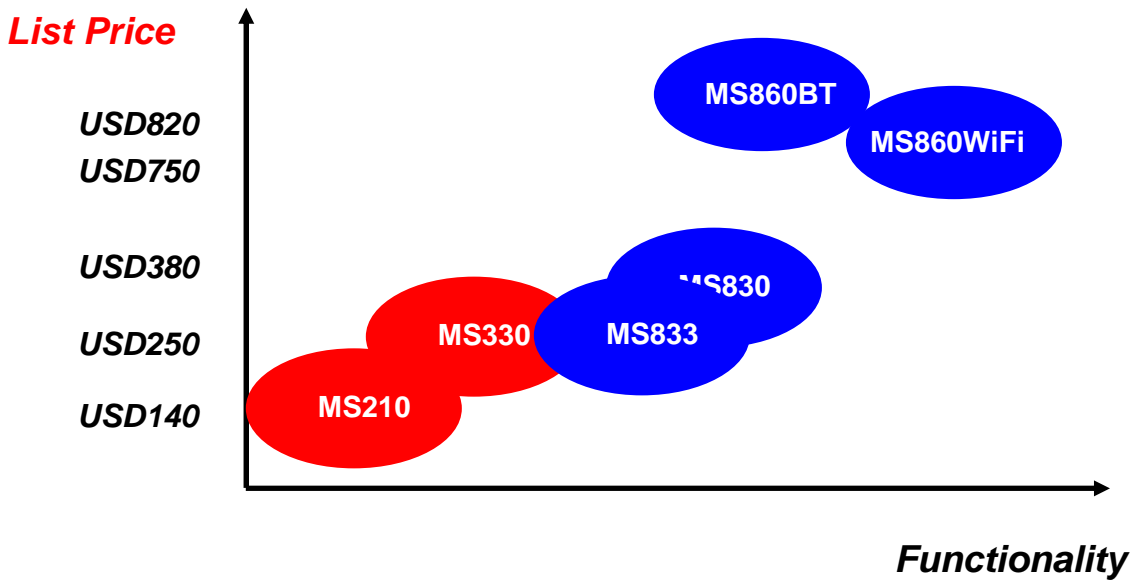
II. Product

1. Specification:

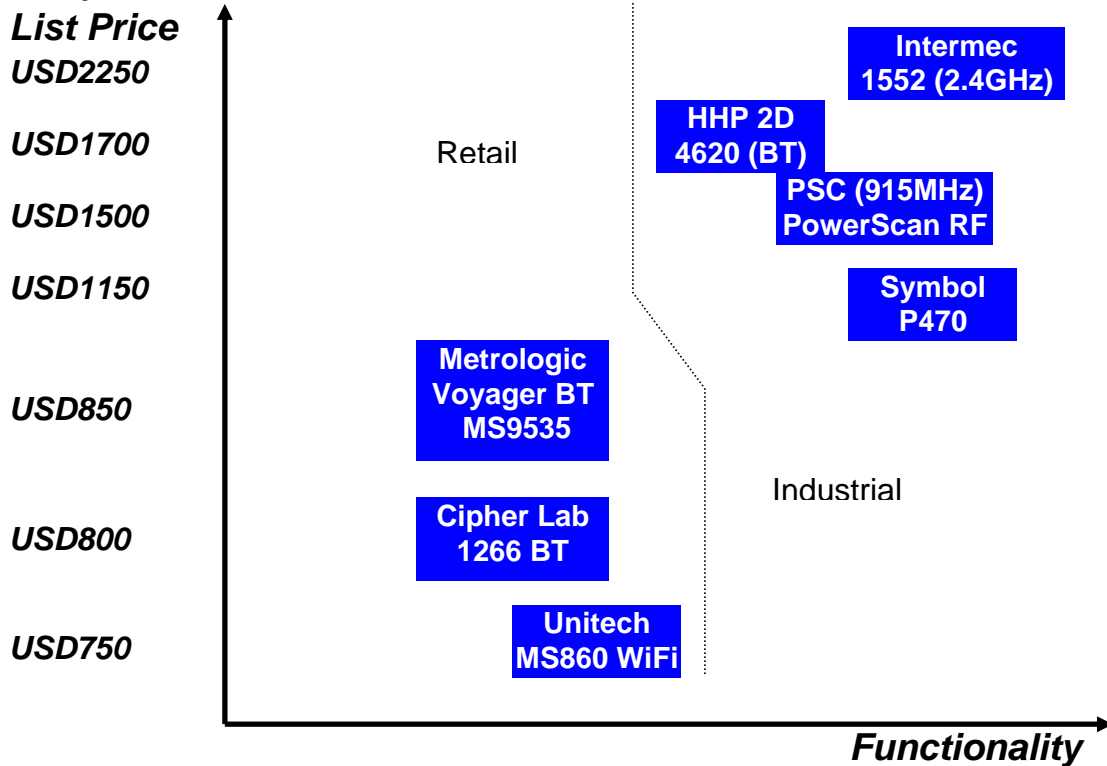
Optical / Performance	
Receiving Device	Symbol SE-900-I000A
Light Source	Visible Laser Diode 650 nm
Max. Resolution	0.125mm(5 mil)
Scan Rate	39 (± 3) scans/sec
Skew Angle	±60 degrees
Pitch Angle	±65 degrees
Printing Contrast Scale	25% Minimum
Reading Distance	Code-39 5mil
(DOF PCS=90%)	From 55 ~ 120mm (± 10mm)
	Code-39 7.5mil
	From 45 ~ 190mm (± 10mm)
	JAN 10mil
	From 50 ~ 240mm (± 30mm)
	Code-39 40mil
	From 30 ~ 550mm (± 50mm)
Width of Field	550mm (PCS=90%, 40mil code)
Operation Mode	Trigger Mode, Flash Mode, Multiscan Mode, One Press One Scan Mode
Symbologies	Code 39, Full ASCII Code39, Interleave 2 of 5, Standard 2 of 5, China Postal, UPC, Delta distance code, MSI, Plessy, Codabar, Code 11, EAN8/13, Code 93, Code 128, EAN128, Code32, Italian Pharmacy, Label Code
Electrical	
Data input method	TCP/IP, Virtual COM, Keyboard
Battery Type	Lithium-ion
Battery Capacity	2300mAh charged via the cradle
Battery Charging time	Fully charged (4.2V) in 4.5 to 5 hours
Operating Time	Over 8 hours during scan/5 seconds transmission
Environmental	
ESD Protection	Functional after 4K Contact and 8K Air
Mechanical Shock	1.5m onto concrete
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	5% to 95% non-condensing
Communication	
Radio Frequency	Compliant with 802.11b protocol standard
Scability	Point to Point, Multi-Point
Range	Over 30M working range and up to 100M direct line of sight
Base Station	
Power	Operates from a separate 9V 1.2A power supply

III. Product Positioning

1. The chart below shows how MS860 Series fits into the Scanner Line.



2. Competition:



IV. Pricing and Product Configuration

1. Complete set includes one scanner, one charging cradle.
2. No interface cable needs, require compliant 802.11b or 802.11b+g access point.
3. Three kinds of power adapters as following: AC110~240V with US plug (1010-600858), AC110~240V with European plug (1010-600859), and AC110~240V with UK plug (1010-600860). All of them are as same as the ones in current MS860BT series. Must choose one of them for a complete set.
4. The gift box of whole set has reserved the space for putting one scanner, one cradle, one power adapter and user guide CD.

MS860-W8A	MS860 WiFi Laser Scanner w/charging cradle & 1010-600858	US\$750.00
MS860-W8B	MS860 WiFi Laser Scanner w/charging cradle & 1010-600860	US\$750.00
MS860-W8E	MS860 WiFi Laser Scanner w/charging cradle & 1010-600859	US\$750.00
1010-600858	AC 110-240V, DC 9V/2A power adapter with US plug	US\$26.00
1010-600859	AC 110-240V, DC 9V/2A power adapter with European plug	US\$27.00
1010-600860	AC 110-240V, DC 9V/2A power adapter with UK plug	US\$28.00

V. Promotion

1. Market Message:

The first 802.11b wireless scanner in the market

2. Sales Kit

MS860 WiFi Product Introduction (Power Point File)

MS860 WiFi Brochure

3. MARCOM Activities & Exhibitions

The MS860 WiFi should be exhibited at all relevant trade shows with other scanners.

VI. Warranty

Unitech offers 1 year warranty for Laser Scanner products.