

MS840 Bluetooth

Low-cost. Flexible. Reliable.

The new Unitech MS840B wireless laser scanner is enriched with a high-speed Mantis decoder and a powerful scan engine to optimize data capture efficiency. Supporting point-to-point and multi point-to-point use, the MS840B allows at least 3 guns to transmit and secure data to one cradle.

With a rugged wireless design, the MS840B provides greater flexibility and productivity for users to move without restrictions for real-time data connection, while also sustaining comfort over long periods of use. Able to scan up to 300-feet away from the host, the MS840B stores data in a buffer mode while it is out of range of the wireless signal, uploading the data when it gets back in range. Ideal for various applications in warehousing, retail and healthcare, the MS840B is easy to operate, able to take accurate inventory, speed up checkout, and administer the correct medication. Able to withstand multiple 6-foot drops to concrete and IP42-rated environmental seal against water and dust, the MS840B can maintain its high performance in the harshest environments.

Providing different configuration capabilities for USB, RS232 and PS2, connection is convenient with the MS840B. It also supports HID and SPP protocol, allowing users to connect to a PC or PDA directly. With a cradle that can mount to a desk or wall, a long life trigger design, and page calling for scanner tracking, the MS840B provides endless convenience and ease-of-use while lowering the overall investment cost so you can do more for your business.

Main Features:

- High-speed Mantis decoder
- Long life trigger design
- One cradle supports up to 3 scanners
- Supports SPP & HID
- Buffer mode for out-of-range reading
- Page button on cradle for scanner tracking





MS840B Specifications

Optical & Performance

Receiving Device Laser engine

Light Source Visible Laser Diode 650 nm

Max. Resolution0.127mm(5 mil)Scan Rate100 scans/secondSkew Angle±50 degreesPitch Angle±35 degreesPrinting Contrast Scale45% Minimum

Label / DOF	near	far
Code 39, 4mil	2.5cm	13.9cm
Code 39, 5mil	3.18cm	20.32cm
Code 39, 7.5mil	3.81cm	33.02cm
Code 39, 10mil	3.81cm	45.72cm
Code 39, 13mil	3.81cm	60.96cm
Code 39, 15mil	3.81cm	71.12cm
Code 39, 20mil	4.45cm	83.82cm
Code 39, 40mil	* 36in	91.44cm
Code 39, 55mil	* 45in	114.3cm

^{*=}dependent on width of bar code

Functionality

Symbologies Code 39, Full ASCII, Interleaved 2 of 5, Standard

2 of 5, China Postal, UPC, Delta Code, MSI, Plessy, Codabar, Code 11, EAN8/13, Code 93, Code 128, EAN128, Code 32, Italian Pharmacy, Label Code,

GS1 Databar

Operation Mode Trigger Mode, Flash Mode, Continuous Mode,

Buffer Mode

Data Formatting Prefix, Suffix, Code ID, Advanced

Data Editing

Electrical

Operation Voltage DC 3V to 5V

Current Consumption Operation mode: <170mA

Standby mode: <30mA

Battery Type Lithium-lon Battery Capacity 1620mAh Charging Method AC adaptor to cradle or directly to scanner

Battery Charging Time Fully charged in 4.5 hours

Operating Time Over 10 hours

Mechanical

Scanner Dimension 6.93"H x 2.91"W x 3.50"D

Scanner Weight
7.3 ounces
Cradle Dimension
2.9"H x 3.7"W x 7.9"D
Cradle Weight
9.9 ounces

Environmental

ESD Protection Functional after 8K Contact and 12K Air Mechanical Shock 6 ft onto concrete (scanner only)

Operating Temperature 32°F to 122°F

Storage Temperature 32°F to 122°F -22°F to 158°F

Relative Humidity 5% to 90% non-condensing

IP Rate IP42

Communication

Radio Frequency 2.4GHz

Protocol Wireless, SPP & HID profiles

Range Up to 300 ft

Multi Scanner Operation Up to 3 scanners to one cradle

Host Interface Supported USB (via Cradle)

Accessories

 Cradle
 5000-900007G

 Battery
 1400-900011G

 Power Adapter
 1010-601959G

 Interface Cable
 1550-900040G

 Wall Mount Kit
 4070-900011G

Regulatory Approvals

CE, FCC, BSMI, VCCI

Warranty

1 year





Specifications subject to change without notice.

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