



MS840BT

Wireless scanning at its best

Searching for the best of the best in scanning devices? The MS840BT has it all! This scanner combines all high quality features which you can find only in separate devices and offers a mind blowing solution for a great price. Choose only the best. Choose MS840BT.

High performance

The Unitech MS840 BT wireless laser scanner is enriched with a high-speed Mantis decoder and a powerful scan engine to optimize data capture efficiency. With 100 scans per second and an operating time of more than 10 hours the MS840BT will last for a complete working day without interruption. Providing different configuration capabilities (keyboard wedge, RS232 and USB, creating a connection is convenient with the MS840BT. This scanner also supports HID and SPP protocol, allowing users to connect to a PC, PDA or tablet directly without the need of a cradle. Combine these features with the multi point-to-point function, allowing 3 guns to transmit and secure data to one cradle, and you'll be convinced it's a complete and future proof device!

Able to withstand multiple 1.8 meter drops to concrete and IP42 sealing against water and dust, the MS840BT can maintain its high performance in any environment. With a wide range of high quality features this wireless scanner is a perfect fit for industries like retail, light warehousing and sales automation.

Flexibility & productivity

With the ability to scan up to 100 meters from the base station the

MS840BT provides the greatest flexibility and productivity for users. Due to the wireless design users can move without restrictions for real-time data connection, while maintaining comfort over long periods of use.

The MS840BT 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, for instance: dispatching, document tracking and tablet scanning.

Endless convenience

The MS840BT is easy to operate. With a cradle that can mount to a desk or wall, a long life trigger design and page calling for scanner tracking, the MS840 BT provides endless convenience and ease-of-use. While lowering the overall investment cost you can do more for your business!

Main features

- Bluetooth Class 1 (up to 100m)
- Pager function
- Virtual COM port and Human Interface port (SPP, HID)
- Connect directly (without cradle) to tablets, POS, etc.
- Memory function when out of range
- Charge the scanner without cradle
- One cradle supports up to 3 scanners
- Wall mount cradle available

unitech
because we care

MS840BT

Specifications

Characteristics

Reading technology	Laser engine
Light source	Visible Laser Diode 650nm
Resolution (max)	0.1mm/4 mil
Print contrast rate	Min. 20%
Scan rate	104 scans/sec
Reading angle	Skew: 50° Pitch: 35°
Reading indicators	Beeper (adjustable tone); good/bad read led
Reading distance	(DOF PCS=80%)

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	3.81cm	83.82cm
Code 39, 40mil	*	91.44cm
Code 39, 55mil	*	114.3cm

* = dependents on width of barcode

Symbologies

Decode Capability	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, GS1 databar code
-------------------	---

Operation mode

Trigger mode, Flash mode, Continuous mode, Buffer mode

Wireless Communication

Bluetooth	Class 1 (up to 100 meters)
Air interface	Unlicensed 2.4GHz
Protocol	SPP & HID
Multiple point-to-point	1 cradle supports up to 3 scanners

Interfaces

Keyboard wedge, RS232 and USB (supports HID/SPP)

Enclosure

Scanner dimension	176mm x 74mm x 89mm
Scanner weight	206g
Cradle dimension	73mm x 95mm x 200mm
Cradle weight	282g

Environmental

Operating temperature	0°C to 50°C
Storage temperature	-30°C to 70°C
Relative Humidity	5% - 90% (non-condensing)
Drop Specification	1.8 meter
Sealing	IP42
ESD protection	Functional after 8K contact and 12K air

Software

Unitech parameter scanning tool

Accessories

Cradle
Battery Pack
Power adapter
Interface cable
Wall mounting Cradle

Warranty

2 years (scanner)
6 months (battery)

Regulatory Approvals

CE, FCC, BSMI, VCCI

Unitech Europe

Tilburg, The Netherlands
• Tel.: +31 (0)13 460 9292
• Email: Info@eu.ute.com
• Website: <http://eu.ute.com>



unitech
because we care

Unitech America

Unitech Asia Pacific

Unitech China

Unitech Europe

Unitech Japan

Unitech Taiwan