



# MS836B

## 2.4G Wireless Laser Scanner

100 M Connection | Keeps data even out of range | 16 hours operation time



The MS836B laser scanner features mobility 2.4G wireless technology and accurate linear scanning performance that gives your business flexibility and freedom. The well-integrated mobility design allows users to move around without being restricted, while supporting high comfort over long periods of operation. This device enhances the workflow efficiency in an affordable price for a wide range of market applications, such as point-of-sale, inventory control, and warehouse management.

### Move without Restrictions

Design for mobile workers, the MS836B comes with a USB dongle that enables users to capture barcodes with freedom wireless connection. Easy plug-and-play function, the MS836B pairs easily to laptops or PCs without complicated set-up. Besides, it allows users to transmit data to the host from up to 100 meters from the base via 2.4G wireless communication. When it is out of range, the MS836B barcode scanner can store 40,000 EAN codes in memory and upload them to your devices at your own convenience. It allows associates to capture barcodes from the checkout counter or checking your store's inventory in the retail store without restrictions.

### Accurate Laser Scanning Performance

Quickly and accurately capturing most linear barcodes or coupon displayed on the phone, the MS836B helps staff to record inventory without any frustration. It is equipped with advanced high-speed engine that has ability to decode poor quality codes and achieve 100 times per second. It streamlines everyday processes in supermarket, retail store and warehouse applications.

### Durable Design

Furthermore, it has an IP42 rating for dust and water resistance as well as a 1.5 meter drop spec that provides superior durability and reliability. Combining high performance and compact design, M836B gives mobile worker conveniently and safely while on the go.

### Features

- 2.4G wireless transmission range up to 100m in the line of open sight.
- Superior laser scanning : reads all major linear barcodes including printed and digital
- High-Speed data capture performance: up to 100 times/ sec
- Long battery life up to 30 hours per a fully charged battery
- Durable, Compact and Long life trigger design
- Rugged design by IP42 and 1.5m drops
- Buffer mode for out-of-range reading
- Instant decoding feedback: LED, Buzzer indicators

# MS836B

## Specifications



### Optical & Performance

Sensor	1D Laser Engine
Aiming Element	Laser
Ambient Light	0-100,000 Lux
Scan Rate	100 times/ sec
Skew Angle	±60°
Memory	16MB
Optical Resolution	≥ 4mil (code 39)
Depth of Field	10mm-265mm(13 mil, EAN13, PCS=90%)

### Communication

Radio	2.4G Wireless Bluetooth V4.2 Class 2
Wireless Coverage	2.4G: 100M( line of sight) Bluetooth: 10M
Interface/ Profile	2.4G: USB Bluetooth: HID, BLE ,SPP
Host Interface supported	USB Type C

### Mechanical

Dimension	174mm × 72mm × 96mm (L x W x H)
Weight	216g

### Functionality

Operation Mode	Trigger Mode, Buffer Mode
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### Regulatory Approvals

CE, FCC, BSMI, VCCI

### Symbologies

1D	Industial 2 of 5, Standard 25, Matrix 25, China post 25, Code 11, Codabar, MSI/plessey, UK/plessey, Code39 (Standard 39& Full ASCII Code 39)Code 32, Code 93, Code128, UPCA,UPCE, EAN13, EAN8,UPC/EAN add-on 2/5, ISBN,ISSN, GS1(RSS) RSS-14,LIMITED, EXPENDED, Include GS1 STACK
Data Formatting	Prefix, Suffix, Code ID

### Electrical

Operation Voltage	DC 5V
Current Consumption	Operation mode:<120mA , Standby mode:<85mA
Indicator	Buzzer LED light
Battery Type	Lithium-ion
Battery Capacity	2600mAh 18650 battery
Battery Charging time	Fully charged in 5 hours
Operating Time	Over 30 hours

### Environmental

Mechanical Shock	1.5m onto concrete (scanner only)
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	5% to 90% non-condensing
IP Rating	IP42

### Package Contents

MS836B scanner  
2.4G Dongle  
USB Type C Charging Cable



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