



# MS340B

## Wireless Barcode Scanner (1D)

The MS340B wireless Bluetooth barcode scanner is the ultimate data collection tool for a warehouse, small business, or retail space. Bring wireless freedom to your business and capture barcode data quickly and efficiently with durable technology you can trust to get the job done. The powerful scan engine even reads barcode data off screens and other hard-to-read surfaces.

### Bluetooth on a Budget

Wireless scanning is more affordable than ever with the Unitech MS340B. With over 300 ft of connectivity, your business will enjoy a new degree of flexibility and freedom.

Bluetooth compatible with any smartphone, tablet, or computer—the MS340B pairs easily to any mobile device or PC. Set-up is fast and straightforward, without complicated pairing instructions.

Outside of Bluetooth mode, the MS340B will store up to 30,000 scans to upload to your devices at your own convenience.

### Built to Perform

Decode any linear (1D) barcode, as well as GS1 Databar codes, stacked codes, and damaged or badly printed labels. Our smart detection technology not only boosts the scan performance of the MS340B, it enhances the accuracy of the scan engine for quick, efficient results.

### Durable Tool

Fortified to withstand multiple 5-foot falls to concrete, the rugged MS340B can handle the natural wear and tear of your business. The high-quality housing is sealed against potential hazards such as moisture and dust, protecting the scanning technology within. Investing in a durable scanner like the MS340B is a great way to increase your projects ROI and avoid costly repairs in the future.

### Main Features:

- Reads all common 1D and GS1 codes
- Reads printed and digital barcodes
- Compatible with Bluetooth-enabled computers, smartphones, and tablets
- Includes cradle, USB cable, and power supply
- Wireless Range: over 300 feet
- Withstands 5-foot drops to concrete
- Environmentally sealed against moisture and dust
- Battery life: 50,000 scans
- Warranty: 1 year

### Optical & Performance

Sensor	Linear CCD Sensor
Light Source	635nm Visible Red LED
Ambient Light	Up to 100,000 Lux
Max. Resolution	4 mil / 0.1 mm@PCS 90%, Code 39
Scan Rate	500 scans/second with auto detect
Skew Angle	±60 degree
Pitch Angle	±10 ~ 65 degree
Printing Contrast Scale	30%
Processor Type	ARM Cortex M-3, 32-bit

### Depth of Field

Range	80 mm to 120 mm (0.1 mm/ 4 mil) 70 mm to 140 mm (0.127 mm/ 5 mil) 60 mm to 170 mm (0.15 mm/ 6 mil) 40 mm to 220 mm (0.26 mm/ 10 mil) 40 mm to 330 mm (0.33 mm/ 13 mil) 40 mm to 370 mm (0.39 mm/ 15 mil) 40 mm to 400 mm (0.5 mm/ 20 mil)
Depth of Field	up to 400 mm (20 mil Code 39) PCS 90%

### Electrical

Operation Voltage	DC 5V ± 5%
Current Consumption	Operate: <200 mA Standby: <60 mA
Operating Time	50,000 scans

### Decoder

Symbologies	All UPC/EAN/JAN, EAN 128, Code 39, Code 39 Full ASCII, Code 32, Italian Pharmacy, Code 128, Codabar/NW7, Interleave 25, Industrial 25, Matrix 25, MSI/Plessey, Telepen Code 93, Code 11, China Postage, Code 26, LCD25, GS1 Databar
-------------	---

### Environmental

Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Relative Humidity	20% to 95% non-condensing
Environmental Seal	IP42
Drop Test	5-foot drop threshold

### Communication

Radio Frequency	BT V2.1 EDR, Class 1
Interface Supported	USB (HID)
Range	Up to 100 m (328 ft) line of sight

*\* Compatible with any BT-enabled device including smartphones, tablets, and computers*

### Scanner Physical Properties

Dimensions	2.8"H x 2.8"W x 6.5"D
Weight	6.1 ounces
Switch Life	1,000,000 times

### In-The-Box

Adapter  
USB cable  
Cradle

### Regulatory Approvals

CE, FCC, VCCI, BSMI

### Warranty

1 year



Specifications subject to change without notice.

Copyright 2011 Unitech Electronics Co., Ltd.  
All rights reserved. Unitech is a registered trademark of Unitech Electronics Co., Ltd.

All product and company names are trademarks, service marks, or registered trademarks of their respective owners.

[unitechbarcode.com](http://unitechbarcode.com)

Unitech America, Inc. | 6182 Katella Avenue | Cypress, CA 90630  
714-891-6400 ph | 800-861-8648 toll | 714-891-5050 fx