MS380
Rugged Wireless Barcode Scanner

A Durable and Versatile Design for Multiple Applications
The MS380's lightweight and ergonomic design is perfect for long hours of scan-intensive applications. With an IP43 environmental seal and the ability to withstand multiple 4-foot drops to concrete, the MS380 is able to withstand the demands of the workplace, whether healthcare, warehousing, or commercial service.

Wireless Connectivity Supports Real-time Data Collection
The MS380 cradle offers more flexibility with its Class 1 Bluetooth module that allows the scanner to roam up to 300 feet from its access point. The MS380 also features a vibrating alert when it goes out of range, preventing data loss. It is able to read 1D and GS1 barcodes, and delivers a scan width of 200mm and 300mm depth of field. With an extremely efficient read rate of 200 scans per second, the MS380 maximizes efficiency and productivity in a variety of applications.

Cost-Effective Solution
The MS380 offers reliable scanning with a replaceable battery pack that allows the user to scan for more than 8 hours. The MS380 is completely kitted with a USB communication cable and power supply, and it comes with a standard 2-year warranty, making it a perfect cost-saving solution.

Main Features:

- Supports USB HID interface
- Supports GS1 codes
- Built-in Wireless Class 1
- Rotatable external cradle antenna
- Wireless Coverage: Up to 300 feet (open space)
- Depth-of-field: 1-12 inches
- Reading resolution: 4mil
- 1620mAh battery capacity
- 4-foot drop threshold

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Operational

Receiving Device	2048 pixel CCD (Charge-coupled device)
Light Source	660nm Visible Red LED
Max. Resolution	4 mil
Scan Rate	200 scans/second
Skew Angle	±60 degree
Pitch Angle	±60 degree
Printing Contrast Scale	60%

Depth of Field

Reading Distance	1.5 to 12 inches (15 mil EAN)
	3 to 3.5 inches (4 mil Code 39)
	2.5 to 4.5 inches (5 mil Code 39)
Width of Field	8 inches (40 mil Code 39)

Electrical

Battery Type	Lithium-ion
Battery Capacity	1620mAh
Battery Charging time	4 hours
Operating Time	Minimum 8 hours

Decoder

Symbologies	UPC-A/UPC/E, EAN-8/EAN-13. Industrial 2 of 5, Codabar, Materix 2 of 5, Code 11, Code 93, Code 32, Code 128, Standard Code 39, Full ASCII Code 39, Interleaved 2 of 5, China Postal Code, MSI Plessy Code, UK Plessy Code, EAN/UCC 128, Telepen Code, RSS-14, RS

Environmental

Operating Temperature	32°F to 122°F
Storage Temperature	14°F to 140°F
Relative Humidity	20% ~ 85% (non-condensing)
ESD Protection	4kv contact/8kv air
Mechanical Shock	4-foot drop threshold

Communication

Radio Frequency	2.4GHz Bluetooth,Class 1
Interface Supported	USB (HID)
Range	300 feet (open space)

Scanner Physical Properties

Dimensions	6.3"L x 2.7"W x 3.5"D
Weight	8 ounces

Cradle Physical Properties

Dimensions	7.9"L x 4.4"W x 2.8"H
Weight	8 ounces
Power	3.45VDC

In-The-Box

Adapter
USB cable
Cradle

Regulatory Approvals

FCC Class B, CE , BSMI

MS380 Cradle