



MS925HC

Bluetooth® 2D Pocket Scanner



Featuring a compact design, the MS925HC Bluetooth® 2D pocket scanner is the ultimate workhorse companion for any mobile workers. It allows users to simply scan and transmit all major 1D or 2D barcodes that it's easily integrated into field sales, supply chain operations, healthcare, and retail applications.

Ergonomic Pocket-Sized Enclosure

The MS925HC weighs in at just 29.5g and features a tiny enclosure, while also supporting various mobile devices running on Windows, Android, or iOS. It doesn't take up too much space and give users an easy way to carry around. It also supports Bluetooth® 2.1+EDR wireless technology which make barcode data collection simple with 10 meters operating range, reliable for all users. Above that, the MS925HC features a flash memory storage capacity of 2MB, making data loss extremely unlikely, even when it is out of range of the wireless signal. This allows users to complete long tasks without interruption.

Reliable Barcode Scanning Performance

The 28 cm per second (IPS) motion tolerance and the reliable 2D scanning engine offer fast and accurate scanning results that MS925HC is available to transmit 1D or 2D barcodes including PDF417, Data Matrix, QR Code, Micro QR Code, and Aztec. It also has capability to scan barcodes on the screen of mobile phone and automatically capture barcodes within its field of view in any lighting conditions from darkness to direct sunlight (100,000 lux).

Improve Workflow in Various Applications

Featuring anti-microbial housing design, the MS925HC is specially to be used friendly in healthcare environments following high hygienic regulations. In addition, it includes a single-button scanning design makes it easy to collect data accurately without complex setting. The barcode scanning solution significantly reduces human error and helps users to improve workflow efficiency. The MS925HC is a versatile tool that is easily integrated into field sales, hospitality, supply chain operations, and retail applications.

Durable Design and Flexible Accessories

The MS925HC not only incorporates rugged design with an IP41 environmental sealing against moisture and dust, while also surviving a 1.5M drop to concrete.

Features

- User-friendly operation with a pocket-sized enclosure
- Lightweight and compact design: Only 29.5g
- White housing with antimicrobial materials for medical institutions
- Reliable barcode scanning performance: Read all standard 1D, 2D and barcodes on screens
- Great motion tolerance at 28 cm/sec which benefits users who are always on the move.
- Enterprise durability: 1.5 m drop protection and IP41 sealing for ingress protection
- Support Bluetooth® 2.1+EDR, Class 2

MS925HC

Specifications



Optical & Performance

Sensor	Array Image Sensor
Aiming Element	625nm visible red LED linear aimer
Illumination	3000K CCT white LED
Ambient Light	100,000 Lux (Sunlight)
Scan Rate	60 Frames/Sec
Skew Angle	±30°
Pitch Angle Sensor	±60°
Roll Angle	360°
Optical Resolution	4mil/ 0.1mm (Code 39) 8mil/ 0.2mm (QR Code)
Printing Contrast Scale	30%
Depth of Field (DOF PCS=80%)	Decode Range Near Far 4 Mil Code 39 : 65 ~ 143mm 5 Mil Code 39 : 62 ~ 174mm 10 Mil Code 39 : 32 ~ 280mm 15 Mil Code 39 : 40 ~ 358mm 13 Mil UPC/EAN : 38 ~ 281mm 10 Mil QR Code : 47 ~ 193mm 15 Mil QR Code : 37 ~ 257mm 40 Mil QR Code : 72 ~ 424mm 6.67 Mil PDF417 : 64 ~ 131mm 10 Mil PDF417 : 40 ~ 182mm 10 Mil Data Matrix : 53 ~ 171mm 20 Mil Data Matrix : 34 ~ 278mm

Symbologies

1D Barcodes	UPC-A/UPC-E, EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 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 Plessey Code, UK Plessey Code, EAN/UCC 128, Telepen Code, IATA Code, GS1 Databar
2D Barcodes	PDF417, DataMatrix, QR Code, Micro QR Code, Aztec

Communication

Radio	Bluetooth® 2.1+EDR, Class 2
Wireless Coverage	33 ft/ 10m (line of sight)
Interface/ Profile	BT HID, BT SPP, USB HID, USB VCP, Memory USB
Host Interface supported	

Mechanical

Dimension	W27.5 x L68.4 x H16.2 mm
Weight	29.5g

Functionality

Operation Mode	Trigger Mode, Presentation Mode, Buffer mode
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Electrical

Operation Voltage	3.7 VDC ± 5%
Current Consumption	< 330mA
Indicator	LED, Buzzer
Battery Type	3.7V, 400mAh, Li-Polymer Battery
Battery Capacity	400mAh
Battery Charging time	< 3 hours
Operating Time	4000 scans (1scan/5sec)

Environmental

ESD Protection	Functional after 4KV contact, 8KV Air discharge
Mechanical Shock	1.5M
Operating Temperature	-10 ~ 50°C
Storage Temperature	-20 ~ 60°C
Relative Humidity	0% ~ 95% RH (Non-condensing)
IP Rating	IP41

Regulatory Approvals

CE, FCC, BSMI, VCCI, NCC, TELEC, BQB

Accessories

Neck Strap
Micro USB to USB cable

What comes in the box

The standard package contents	MS925HC Scanner MicroUSB cable Neck Strap
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