MS925HC

(2D Bluetooth pocket sized imager)

High performance - competitive price

The MS925HC Bluetooth companion scanner is the way to go for mobile scanning. Compact but powerful, the MS925HC features simple pairing to any smartphone, tablet, or computer with a new aggressive scan engine.

Supported by Bluetooth® 2.1+EDR wireless technology makes the barcode data collection with the MS925HC easy at 10 meters operating range. In addition, 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.

The MS925HC allows users to simply scan and transmit all major 1D or 2D barcodes that easily integrates into: field sales, supply chain operations, logistics, retail and healthcare applications.

The ergonomic pocket-sized MS925HC 2D imager is the **ultimate companion** for mobile workers.

Easily carried on a lanyard or in a shirt pocket, the MS925HC shines inside or outside the four-walls. With a **motion tolerance** of 28 cm/sec the MS925HC can effectively read barcodes even when the scanner is in motion, enabling it to achieve excellent scanning productivity. This pays off for operators to achieve high efficiency, as they can quickly and effortlessly move from one barcode to the next.

Features

- Supports 1D, 2D, PDF417, Data Matrix, QR Code, Micro QR Code and Aztec reading
- User-friendly lightweight (29.5g) design with a pocket-sized enclosure.
- Compatible with Windows, Android, and iOS mobile devices
- Motion tolerance at 28 cm/2
- 2MB memory flash (20.000 EAN barcodes)
- IP41and 1.5 drop resistance
- Anti-microbial pocket scanner and protection case accessory
- Medical certified by ISO 22196 (JIS Z 2801); ISO 11737-1, ISO 11737-2

High precision
Featuring a reliable 2D scanning engine this companion provides outstanding reading performance, capable of reading all major 1D, 2D including **PDF417**, **Data Matrix**, **QR Code**, **Micro QR Code** and **Aztec** - even those on LCD or mobile screens.

Compact design
Designed specifically for mobile users and business professionals this scanner measures less than a credit card. Measuring 27.5mm x 68.4mm x 16.2mm (WxLxH) and lightweight of only 29.5g.

Rugged design
The solidly constructed MS925HC has been built to withstand mechanical shock and able to withstand multiple 1.5 meter drops - if you are looking more advanced protection we suggest to check the optional 3210-900020G protective case.

Anti-microbial - Healthcare ready
The MS925HC pocket scanner and the rubber protective case accessory are both **anti-microbial** to keep away bacteria. With regular alcohol or bleach cleaning, the scanner will maintain environmental hygiene. The MS925HC is **medical certified** by ISO 22196 (JIS Z 2801); ISO 11737-1, ISO 11737-2.

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Anti-microbial 2D imager
& protective case

EN v1.1 # MS925HC
Specifications

Operational & Performance

Sensor	Array Image Sensor
Imager resolution	1280 x 800 Mega Pixels
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%
Imager Field of View	Horizontal 42°, Vertical 27°
Motion tolerance	28cm/sec

Compatibility

Compatible with Windows, Android and iOS mobile devices

User Indicators

LED, Buzzer

Trigger

Scan button, function button

Reading distance (DOF)

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

*dependents on width of barcode

Symbologies

1D code: 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 Plessy Code, UK Plessy Code, EAN/UCC 128, Telepen Code, IATA Code, GS1 Databar

2D code: PDF417, DataMatrix, QR Code, Micro QR Code, Aztec

Operation modes

Trigger Mode, Presentation (continuous) Mode, Buffer mode (Flash mode, Batch mode, Memory mode)

Connectivity

Radio	Bluetooth® 2.1+EDR, Class 2
Wireless Coverage	33 ft/ 10m (line of sight)
Interface	BT HID, BT SPP, USB HID, USB VCP
Memory	2MB (20.000 EAN barcodes)
Host Interface supported	USB

Enclosure

Scanner dimension	W27.5 x L68.4 x H16.2 mm
Scanner weight	29.5g

Power Source

Operation Voltage	3.7 VDC ± 5%
Current Consumption	< 330mA
Battery Type	Rechargeable 3.7V, 400mAh, Li-Polymer Battery
Battery Capacity	400 mAh
Battery Charging time	< 3 hours
Operating Time	±6 hours (at condition of 1 scan/5 sec)

Environmental

ESD Protection	Functional after 4KV contact, 8KV Air discharge
Drop rate	1.5m
IP Rate	IP41
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	0% ~ 95%RH (Non-condensing)

Regulatory approvals

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

EMC/RF	FCC part 15B Class B, Part 15C CE EN55024/32, EN30189-1-17, EN300328 V2.1.1.
Safety Approval	EN/IE62471 (Exempt Group), EN/IEC60950-1
Environmental	WEEE, RoHS 2.0

Anti-Microbial

Built with anti-microbial enclosure. Medical Certifications: ISO 22196 (JIS Z 2801); ISO 11737-1, ISO 11737-2

Accessories

3210-900019G Neck Lanyard

1550-900104G Micro USB to USB cable

3210-900019G Protective Case (anti-microbial)

1010-900026G Power adaptor (EU,UK,US,AU)

MOQ only Charging cradle*

***Contact Unitech Europe for more minimal order quantities (MOQ) details.**

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