



# MS920

## Pocket 2D Imager Scanner

Unitech MS920 is a new generation of wireless 2D barcode scanner that doubles the excellent decoding performance in a pocket-sized enclosure. Thanks to its compact & lightweight design for easy mobility, MS920 allows enterprises to simply scan and transmit 1D and 2D barcode in real time to the host wirelessly or to store scanned data in the built-in memory.

### User-friendly operation with a compact size

Featuring convenient single-button scanning design and convenience of wireless technology, MS920 enables users to make barcode data collection easy and efficient. MS920 is easily to carry around, while also supporting various mobile devices running on Windows, Android, or iOS. Measuring only 109mm long, 51 mm wide and 28 mm thick, MS920 is small in size and easy to carry around. In addition, running on rechargeable Li-Ion battery, it allows users to operate over 10 hours to work and charge the built-in battery by utilizing a standard USB port.

### Durable and superior performance

MS920 incorporates rugged design with an IP42 environmental sealing against moisture and dust, while also surviving a 1.5M drop to concrete. Combining highly visible 617nm red LED-based aimer with advanced scan engine, it can aim effectively well even in low light environment, yet, still delivers superior performance by capturing data from high density barcodes up to 4 mil resolution. Moreover, the read range of MS920 extends beyond competing scanners by an average of 60 percent.

Furthermore, MS920 offers batch mode as well as real-time data collection, connected to a host via automatic transferring. Providing class-leading motion tolerance of 4 inches per second, MS920 mini barcode scanner is ideal for streamlining productivity at customer-facing operations such as the point of sale, asset tracking management and healthcare applications.

### Features

- Build in high performance 2D engine & decoder to read all standard 1D and 2D codes
- LED and beeps indicate good scan, connection and power status
- User-friendly operation with a pocket-sized enclosure
- Superior performance scan engine to read damaged, poorly printed, overlaid and colored bar codes
- Compatible with Windows, Android, and iOS mobile devices by HID and SPP connection
- Support batch mode to ensure no data loss when out-of-range reading
- Equipped with a high capacity battery for more than 10 hours operation of continuous use
- Enterprise durability: 1.5 m drop protection and IP42 sealing for ingress protection

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### Optical & Performance

Optical & Performance	Image Sensor, 752 x 480 pixels
Light Source	Illumination: Highly visible white LED
	Aiming : 617 nm red LED
Max. Resolution	1D codes 0.1 mm (4 mils) 2D codes 0.167 mm (6.6 mils)
Skew Angle	±58 degrees
Pitch Angle Sensor	±86 degrees
Printing Contrast Scale	30%
Motion Tolerance	4 inches per second
Reading Distance (DOF PCS=100%)	

Label / DOF	near	far
Code 39, 4mils	60mm	180mm
Code 39, 5mils	45mm	225mm
Code 39, 20mils	60mm	640mm
Code 39, 40mils	125mm	975mm

Label / DOF	near	far
EAN/UPC, 13mils	45mm	410mm

Label / DOF	near	far
DataMatrix, 7 mils	65mm	150mm
DataMatrix, 10 mils	45mm	210mm
DataMatrix, 15 mils	47mm	310mm

Label / DOF	near	far
PDF417, 6.6 mils	50mm	182mm
PDF417, 10 mils	37mm	275mm
PDF417, 15 mils	45mm	400mm

\* =dependent on width of bar code

### Accessories

Battery Pack\*1, Whist Strap, Micro USB to USB Cable



Battery Pack



USB Cable



Whist Strap

### Functionality

Symbologies

1D: EAN/UPC, GS1 Databar (limited expanded & omni-directional), Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved/Matrix/Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen,  
2D: Data Matrix, PDF417, Micro PDF 417, Codablock, Maxicode, QR, Aztec  
Postal: Australian Post, BPO, Canada Post, Dutch Post, Japan Post, PostNet, Sweden Post  
Trigger Mode, Flash Mode, Continuous Mode, Buffer mode  
Prefix, Suffix, Code ID

Operation Mode

Data Formatting

### Electrical

Operation Voltage  
Current Consumption  
Battery Type  
Battery Duration  
Battery Charging time  
Operating Time

DC 3V to 5V  
Operation mode: 76.8mA  
Rechargeable Lithium-ion battery  
1100mAh  
Fully charged in 4 hours  
Over 13 hours ( 1 scan / 3 seconds)

### Mechanical

Scanner Dimension  
Scanner Weight  
Switch life

51.4 x 109.3 x 28.1 mm  
105.2g (with battery)  
10 million time

### Environmental

ESD Protection  
Mechanical Shock  
IP rate  
Operating Temperature  
Storage Temperature  
Relative Humidity

Functional after 8K Contact and 12K Air  
1.5m onto concrete (scanner only)  
IP42  
0°C to 50°C  
-30°C to 70°C  
95% non-condensing

### Communication

Radio Frequency  
Protocol  
Range  
Host Interface supported

Unlicensed 2.4GHz  
Wireless SPP & HID profiles  
Class I 330ft/100M (Line of Sight)  
USB

### Regulation Approvals

CE, FCC, BSMI, VCCI



#### Unitech America

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## About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

## Reasons to work with us

**Our customers come first.** Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

**The best brands.** We offer products from the best manufacturers worldwide.

**Expert technical support team.** Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

**Largest stock.** We have a permanent stock of more than 12,000 products.

**Same-day shipping.** For all orders placed and confirmed before 16:00 on working days.

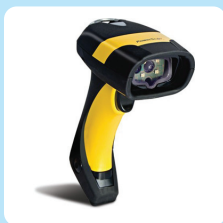
**Best prices.** With Logiscenter, you can be sure that you are paying a fair price for your products we will not overcharge you.

**Easy returns.** Damaged or defective products can be returned easily, for an exchange or reimbursement.

## Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health



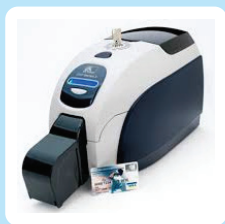
Label printers



Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables  
(labels, ribbons, PVC cards)

## Our Brands



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