2D Pocket Power.

THE MS920. 2D POCKET POWER.

Unitech is proud to introduce our field-ready MS920, featuring both powerful 2D scanning and 32 MB of memory for even the most high-volume batch scanning applications. The MS920 also pairs easily with any smartphone, tablet, or computer for on-the-go data collection. Bluetooth or Batch, the MS920 does it all.

Main Features:

- 2D & memory upgrade, compare it to our best-selling MS910 1D pocket scanner
- Bluetooth compatible with iOS, Android, & Windows
- Truly pocket-sized: 4" long, weighs less than 4 ounces
- Reads 1D & 2D barcodes, both paper & digital
- IP42 environmental seal, 5 ft drop spec
- 13+ hours of battery life

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SPECIFICATIONS

Optical & Performance

Receiving Device	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 Variance	±58 degrees
Pitch Angle Variance	±86 degrees
Printing Contrast Scale	30%
Motion Tolerance	4 inches per second
Reading Distance (DOF PCS=100%)	30%

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

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

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

Label / DOF	near	far
PDF 417, 6.6 mils	50 mm	182 mm
PDF 417, 10 mils	37 mm	275 mm
PDF 417, 15 mils	45 mm	400 mm

*dependent on width of barcode

Functionality

Symbologies	**1D:** EAN / UPC, GS1 Databar (limited expanded & omni-directional), Code 39, Code 128, UCC / EAN 128, ISBN, Interleaved / Matrix / Industrial 2 of 5, Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen. **2D:** GS1 Stacked, Data Matrix, PDF 417, Micro PDF 417, Codablock, Maxicode, QR, Aztec. Postal: Australian Post, BPO, Canada Post, Dutch Post, Japan Post, PostNet, Sweden Post
Operation Mode	Bluetooth Mode, Buffer Mode, Batch Mode
Data Formatting	Prefix, Suffix, Code ID

Electrical

Operation Voltage	DC 3V to 5V
Current Consumption	Operation Mode: 76.8 mA
Battery Type	Rechargeable Lithium-ion Battery
Battery Duration	1100 mAh
Battery Charging time	Fully Charged in 4 hours
Operating Time	Over 13 hours (1 scan / 5 seconds)

Mechanical

Scanner Dimension	2" W x 4.3" H x 1" D
Scanner Weight	3.7 oz. (With Battery)
Switch Life	10 Million Times

Environmental

ESD Protection	Functional After 8K Contact and 12K Air
Drop Spec	5 ft Onto Concrete (Scanner Only)
Operating Temperature	32°F to 122°F
Storage Temperature	-22°F to 158°F
Relative Humidity	95% Non-Condensing
IP Rating	IP42

Communication

Radio Frequency	Bluetooth
Protocol	Wireless SPP & HID Profiles
Range	Class I 330 ft/100 m (Line of Sight)

Accessories

Battery Pack
Wrist Strap
Micro USB Charging Cable

Regulatory Approvals

CE, FCC, BSMI, VCCI

Warranty

1 Year