



# MS926P

VIBRATION  
SUPPORT

## Wireless 2D Pocket Scanner



unittech MS926P is a new version of wireless 2D pocket scanner that doubles the excellent decoding performance in a pocket-sized enclosure. Thanks to its 1-inch OLED display & lightweight design for easy mobility, MS926P allows users to simply scan and transmit 1D or 2D barcode and check feedback of the scanned information. It is an ideal tool for streamlining productivity at customer-facing operations such as the personal Identification and clinical workflow.

### Improve Workflow in Healthcare Applications

Designed specifically for healthcare users, MS926P is convenient to be slipped into the pocket for the nurse to carry around and it is built in the red LED Illumination for better patient experience in the ward. Moreover, MS926P also equipped with a vibration mode to confirm the reading, it is more flexible to use in the hospital. With superior 2D scanning performance and easy plug and play function, the USB dongle can be connected quickly and easily to the devices without complex setting that helps healthcare users to capture barcode smoothly with the 10 meters operating range and it improve the patient admission process.

### Smart Data Mapping Technology

The MS926P offers a user-friendly experience with three-button operation that is very easy to use, requiring no special training. Built-in a bright 1-inch OLED display, mobile workers can get feedback of the scanned information in real-time. This device also delivers Smart Data Mapping Technology which is combined Lookup Table and Data View/Edit Function with Date / Time stamp. It helps users to ensure data transmitted correctly and it is allowed to check up to 10,000 pre-load barcodes in the memory of Lookup Table that is more flexibility to correct data and tracking scanning schedule immediately.

### Durable Design

The MS926P not only incorporates rugged design with an IP42 environmental sealing against moisture and dust, while also surviving a 1.5M drop to concrete, but also it provides the convenience of wireless technology which makes barcode data collection simple, reliable for all users.

### Features

- User-friendly operation with a pocket-sized enclosure
- Supports USB dongle easy pairing function.
- Build in high performance 2D engine & decoder to read all standard 1D, 2D and PDF417 barcodes
- Design for reading barcodes displayed on the LCD screens of mobile devices
- Smart Data Mapping Technology : Lookup table function and data edit function for data mapping
- Date /Time stamp for tracking scanning schedule
- Enterprise durability: 1.5 m drop protection and IP42 sealing for ingress protection
- Longer operation time up to 9 hours per a fully charge battery

# MS926P

## Specification



### System

Display	1" OLED, 128 x 64
OS	Proprietary, Connect to host with Windows
Memory	64 Kbytes SRAM / 2MB Flash ROM
Key	3 keys: Page up, Page down, Scan with power on/off feature

### Optical & Performance

Sensor	752x480 CMOS
Light Source	Red LED 625nm±10nm
Aiming	Laser diode 650nm
Ambient light	0~100,000 lux
Symbol Contrast	≥ 20%
Skew Angle	±55 degrees
Pitch Angle	±55 degrees
Field of View	Horizontal 36°, Vertical 23°
Depth of Field (DOF PCS=80%)	Symbology   Density   Near   Far EAN-13, 13 mils   6.0 cm   29 cm Code 39, 5 mils   5.5 cm   16.5 cm PDF417, 6.7 mils   5.5 cm   13.5 cm Data Matrix, 10 mil   5.5 cm   13 cm QR, 15 mil   4.5 cm   17.5cm

### Regulation Approvals

CE, FCC, BSMI, VCCI

### Accessories

Whist Strap, Micro USB to USB cable  
1 & 5 Slot Charging cradle (optional)



### Functionality

Symbologies	
1D Code	Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc.
2D Code	PDF417, Data Matrix (ECC200, ECC000, 050, 080, 100, 140), QR Code, Chinese Sensible Code
Operation Mode	Trigger mode, Presentation mode, Auto mode, Batch mode, Wedge mode

### Environmental

ESD Protection	Functional after 8K Contact and 12K Air
Mechanical Shock	1.5m onto concrete (scanner only)
IP Rate	IP42
Operating Temperature	0°C to 50°C
Storage Temperature	-30°C to 70°C
Relative Humidity	95% non-condensing

### Electrical

Operation Voltage	DC 3V to 5V
Current Consumption	Operate: 300mA, Standby: 70mA
Battery Type	Rechargeable Li-ion battery
Battery Capacity	680 mAh
Battery Charging time	Fully charged in about 4 hours
Operating Time	Over 9 hours at condition of 1 scan/5 sec

### Communication

Radio Frequency	Unlicensed 2.4GHz
Protocol	Wireless SPP & HID profiles
Range	Up to 10M (Open space)
Host Interface supported	Micro USB

### Mechanical

Scanner Dimension	H21.1*W36.9*L95.9mm
Scanner Weight	63g
Switch life	10 million times

### What comes in the box

MS926P scanner, QSG, USB cable (Micro USB), Wrist strap,  
1 & 5 Slot Charging cradle (optional)



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