



MS842P

2D Wireless Scanner

Delivering efficiency, durability and compact size, the device combines superior 1D and 2D barcode scanning with the freedom of wireless technology. The well integrated mobility design allows users to move around without being restricted, while supporting high comfort over long periods of operation. MS842P is a friendly device for a broad variety of markets and applications.

Mobility and Reliability

While sustaining a 1.8 meter drop to concrete, MS842P incorporated with IP42 rugged design for protection against dust and moisture. In additions to offer a 10M operation range via its USB dongle, the simple plug-and-play design of MS842P makes the installation much easier without complicated set-up. Moreover, the built-in long life trigger of 10 million times guarantees a continuous productivity for best reliability. In addition to all of those benefits, the MS842P helps to store data in a buffer mode while it is out of range of the wireless signal, and also upload the data when it gets back in range.

Improve Efficiency and Productivity

Beyond its versatility, the desktop charging cradle is provided to store and recharge the scanner, as well as to check the charging status by the power LED indicators. Featuring high speed decoder and high performance engine, MS842P is a great tool to improve productivity at the point of sale, industrial shipment management and inventory management. There is no doubt that MS842P is one of the most efficient wireless scanning solutions in its class.

Features

- Mobility wireless design with 10M operation range.
- Built in high performance 2D engine & decoder.
- Durable, Compact and Long life trigger design
- Rugged design by IP42 and 1.8m drops
- Buffer mode for out-of-range reading
- Simple plug-and-play with USB dongle.

MS842P

2D Imager Scanner



Optical & Performance

| | |
|--------------------------------|---|
| Receiving Device | CMOS Sensor, 1280 x 960 pixels |
| Light Source | Illumination : 2 x Warm White LEDs |
| | Aiming : 655 nm Laser |
| Max. Resolution | SR: 3 mil (Code 39), 5 mil (PDF417) |
| Skew Angle | ±60 degrees |
| Pitch Angle | ±60 degrees |
| Reading Distance (DOF PCS=80%) | 3 mil Code 39 2.8 in./7.1 cm (Near) 6.2 in./15.8 cm (Far) |
| | 5 mil PDF417 3.0 in./7.6 cm (Near) 8.1 in./20.6 cm (Far) |

Functionality

| | |
|-----------------|---|
| Symbologies | 1D: Code 39, Code 93, Code 128, UPC/EAN/JAN, Code 2 of 5, Code 11, Codabar, MSI Plessey, GS1 DataBar, Telepen, Trioptic |
| | 2D: PDF417, MicroPDF417, Datamatrix, QR Code, Micro QR Code, Aztec, RSS, Composite, TLC-39, MaxiCode |
| | Postal: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX) |
| Operation Mode | Trigger Mode, Flash Mode, Continuous Mode, Buffer mode |
| Data Formatting | Prefix, Suffix, Code ID, Reformatting Date |

Electrical

| | |
|-----------------------|--|
| Operation Voltage | DC 3V to 5V |
| Current Consumption | Operation mode:80.6mA, Standby mode:14.6mA |
| Battery Type | Lithium-ion |
| Battery Capacity | 1600mAh charged via the cradle |
| Battery Charging time | Fully charged in 4 hours |
| Operating Time | Over 12 hours |

Mechanical

| | |
|-------------------|----------------------|
| Scanner Dimension | 176 x 74 x 89 mm |
| Scanner Weigh | 210g (without cable) |
| Cradle Dimension | 98 x 107 x 45 mm |
| Switch life | 10 million time |

Environmental

| | |
|-----------------------|---|
| ESD Protection | Functional after 8K Contact and 12K Air |
| Mechanical Shock | 1.8m onto concrete (scanner only) |
| IP rate | IP42 |
| Operating Temperature | 0°C to 50°C |
| Storage Temperature | -30°C to 70°C |
| Relative Humidity | 5% to 90% non-condensing |

Communication

| | |
|--------------------------|------------------------------|
| Radio Frequency | Unlicensed 2.4GHz |
| Protocol | Wireless, SPP & HID profiles |
| Range | 10M(line of sight) |
| Host Interface supported | USB(via Cradle or dongle) |

Regulation Approvals

CE, FCC, BSMI, VCCI

Accessories

Cradle
Dongle
Battery pack
Power adapter
USB cable

What comes in the box

The standard package with dongle only:
MS842P scanner, Power adapter, Dongle,
USB extension cable for dongle
The standard package with dongle & cradle:
MS842P scanner, Power adapter, Dongle
Cradle connection cable, Cradle



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