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.

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MS842P
2D Imager Scanner

Electrical

Operation Voltage	DC 3V to 5V
Current Consumption	Operation mode:80.6mA , Standby mode:14.6mA
Battery Type	Lithium-ion
Battery Capacity	1620mAh charged via the cradle
Battery Charging time	Fully charged in 4 hours
Operating Time	Over 10 hours

Optical & Performance

Receiving Device	CMOS Sensor, 752 x 480 pixels
Light Source	Illumination : 625 nm LED
	Aiming : 655 nm VLD
Max. Resolution	SR: 5 mil (code 39), 6.7 mil (PDF417)
	HD: 3 mil (code 39), 4 mil (PDF417)
Skew Angle	±60 degrees
Pitch Angle	±60 degrees
Reading Distance (DOF PCS=80%)	

SR	near	far
Code 39, 5mil	5.3cm	19.1cm
PDF417, 6.7mil	8.6cm	18.0cm

HD	near	far
Code 39, 3mil	4.1cm	9.7cm
PDF417, 4mil	4.6cm	8.9cm

Mechanical

Scanner Dimension	176 x 74 x 89 mm
Scanner Weigh	210g (without cable)
Cradle Dimension	98 x 107 x 45 mm
Cradle Weigh	-
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

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

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