MS840P

Wireless Alternative to Bluetooth

Unitech has unleashed the industry's best value in an industrial handheld laser scanner with wireless technology. The MS840P is ideal for various solutions in warehousing, retail, and healthcare, where flexibility, durability, and reliability are essential. With an intuitive wireless design, the MS840P provides users with greater productivity without restrictions, while also supporting high comfort over long periods of use. Its durable functions and convenient wireless design makes the MS840P the ideal scanner for a variety of applications in warehousing, retail and healthcare field. Beyond its versatility, the MS840P offers piece of mind.

Unitech designed the MS840P to continue collecting data even when it is out of range; uploading it when it is back in coverage. This function allows you to reduce downtime and maximize productivity without worrying about any interruptions in your data transmissions. The MS840P USB Dongle delivers plug-and-play usability for ultimate convenience without requiring complicated set-up instructions.

The MS840P has also been tested and certified with an IP42 rating, which means it is safeguarded from water and dust to a certain threshold. In addition, it is durable enough to withstand multiple 6-foot drops to concrete. The Unitech MS840P allows users to perform such tasks as take accurate inventory, speed up checkout, and administer the correct medication.

Main Features:
- High-speed Mantis decoder
- Long life trigger design
- Plug and play
- Lasts up to 10 hours when fully charged
- Buffer mode for out-of-range reading
- Cradle is for charging and data transmission
- Integrated Cradle and USB Dongle set results in more flexible data transmission

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Optical & Performance

Receiving Device	Laser engine
Light Source	Visible Laser Diode 650 nm
Max. Resolution	4mil (0.1mm)
Skan Rate	104 scans/second
Skan Angle	47°± 3° (typical), 35°± 3° (narrow)
Printing Contrast Scale	20% Minimum
Reading Distance	DOF PCS=80%)

Label / DOF	near	far
Code 39, 4mil	2.5cm	13.9cm
Code 39, 5mil	3.18cm	20.32cm
Code 39, 7.5mil	3.81cm	33.02cm
Code 39, 10mil	3.81cm	45.72cm
Code 39, 13mil	3.81cm	60.96cm
Code 39, 15mil	3.81cm	71.12cm
Code 39, 20mil	4.45	83.82cm
Code 39, 40mil	*	91.44cm
Code 39, 55mil	*	114.3cm

*=dependent on width of bar code

Functionality

Symbologies	Code 39, Full ASCII Code39, Interleave 2 of 5, Standard 2 of 5, China Postal, UPC, Delta Code, MSI, Plessy, Codabar, Code 11, EAN8/13, Code 93, Code 128, EAN128, Code32, Italian Pharmacy, LabelCode, GS1 databar code
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: <170mA Standby mode: <30mmA
Battery Type	Lithium-ion
Battery Capacity	1620mAh charged via the cradle
Battery Charging time	Fully charged in 4.5 hours
Operating Time	1620mAh charged via the cradle
Battery Charging time	Over 10 hours

Mechanical

Scanner Dimension	6.93"H x 2.91"W x 3.50"D
Scanner Weight	6 ounces (without cable)

Environmental

ESD Protection	Functional after 8K Contact and 12K Air
Mechanical Shock	6-ft onto concrete (scanner only)
Operating temperature	0℃ to 50°
Storage temperature	-30℃ to 70℃
Relative Humidity	5% to 90% non-condensing
IP rate	IP42

Communication

Radio Frequency	Unlicensed 2.4GHz,
Range	10M (line of sight)
Host Interface supported	USB

Accessories

Cradle
Battery pack
Power adapter
Interface cable
Dongle (USB)

Regulatory Approvals

CE, FCC, BSMI, VCCI

Warranty

1 year