MS842P
2D wireless barcode scanner

Experience the freedom of wireless scanning with the Unitech MS842P (wireless version of the new MS842 series) high-performance barcode scanner.

Like all MS842 series models the MS842P supports all common 1D and 2D barcodes and high-density barcodes with the HD option. With the integrated 2.4G mobility and its ergonomic design the MS842P offers great comfort and freedom to move around without being disturbed during any scanning tasks.

Mobility, durability and reliability
With the ability to scan up to 10m via its USB dongle the MS842P provides flexibility and productivity for users. Unitech's MS842P is a great solution for your short wireless scanning needs such as retail store inventory management or extended flexibility in warehouse checkout counters. The MS842P stores data in a buffer mode while it is out of range of the wireless signal and uploads this data when it gets back in range.

The Plug and Play design makes it very easy to setup and integrated the MS842P for any business surrounding.

Great 2D scanning solution
With the seamless integration of a high-performance decoder and scan engine, the MS842P is a great tool to improve productivity for a wide range of markets and applications. No doubt Unitech's MS84P provides one of the most efficient scanning solutions in its class.

Main features
• Built in high performance 2D engine & decoder
• Optional HD reader
• Durable, Compact and Long life trigger design
• Trigger mode, continuous mode and presentation mode
• 2.4G mobility wireless design - 10m operation range
• Buffer mode when out of range
• Easy Plug and Play USB dongle receiver
• Cradle for charging or to host dongle receiver and scanner
• Rugged design by IP42 and 1.8m drops

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Operational & Performance

Technology	CMOS Imager sensor
Light source	Illumination: LED (625nm)
	Aiming: Laser (655nm)
Resolution	752 x 480
Ambient Light Immunity	Max. 95.000 Lux
Reading angle	Skew: ±60˚
	Pitch: ±60˚
Reading indicators	Beeper (adjustable tone)

Reading distance (DOF)

Standard	near	far
Code 39, 5mil	5.3cm	19.1cm
PDF417, 6.7mil	8.6cm	18.0cm
UPC / EAN	4.1cm	39.4cm

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

Symbologies

Decode Capability	1D: Code 39, Full ASCII Code39, Interleave 2 of 5, Standard 2 of 5, UPC A/E, Delta Code, Label Code, MSI/ Plessy, Codabar, Code 11, EAN8/13, Code 93, Code 128, EAN128, Code32, Toshiba Code, GS1 databar Code.
	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).

Power Source

Operation voltage	DC 3V to 5V
Operating Time	Over 10 hours
Battery Type	Lithium-ion
Battery Capacity	1620mAh charged via cradle
Battery Charging time	Fully charged in 4 hours

Data Formatting
Prefix, Suffix, Code ID, Reformatting Date

Operation mode
Trigger mode, Presentation mode, Flash Mode, Continuous Mode, Buffer mode

Connectivity

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

Enclosure

Scanner dimension	176mm x 74 mm x 89mm
Scanner weight	210g (without cable)
Cradle dimension	73 x 95 x 200 mm
Switch life	10 million time

Environmental

Operating temperature	0˚C to 50˚C
Storage temperature	-30˚C to 70˚C
Relative humidity	95% non-condensing
Drop test to concrete	1.8 meter (scanner only)
IP rate	IP42
ESD protection	Functional after 8K contact and 12K air

Accessories
Cradle
Dongle
Battery pack
Power adapter
USB cable

Warranty
1 year

Regulatory approvals
CE, FCC, BSMI, VCCI