



# 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

# MS842P

## Specifications

### Operational & Performance

|                        |                                                    |
|------------------------|----------------------------------------------------|
| Technology             | CMOS Imager sensor                                 |
| Light source           | Illumination: LED (625nm)<br>Aiming: Laser (655nm) |
| Resolution             | 752 x 480                                          |
| Ambient Light Immunity | Max. 95.000 Lux                                    |
| Reading angle          | Skew: $\pm 60^\circ$<br>Pitch: $\pm 60^\circ$      |
| 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/ Plessey, Codabar, Code 11, EAN8/13, Code 93, Code 128, EAN128, Code32, Toshiba Code, GS1 databar Code.<br><br>2D: PDF417, MicroPDF417, Datamatrix, QR Code, Micro QR Code, Aztec, RSS, Composite, TLC -39, MaxiCode.<br>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

### Unitech Europe

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