



MS842e

Combine the best

The Unitech MS842e (economic version of the MS842 series) combines efficiency, durability and reliability into a compact, lightweight handheld scanner. Supporting all common 1D and 2D barcodes, the MS842e can be used in a wide variety of markets and applications such as point-of-sale, retail, access control, warehousing, hospitality, logistics, etc.

A great performance at a great price!

Scanning performance and reliability

The MS842e provides greater productivity and efficiency with its fast and accurate scanning engine and rugged design. Its long working range and wide scan field make sure users can easily scan all standard 1D and 2D barcode symbolizes. With the Unitech MS842e HD option it even supports high-density barcodes! This MS842e provides performance and reliability wherever it is used.

Durability

Accidents happen in every business setting, and the MS842e is ruggedly designed to perform under adverse conditions. With its durable construction, the MS842e can even withstand a 1.8 meter drop to concrete. So, if a worker happens to drop

their scanner, they can pick it up and continue scanning without interruption. No downtime, no replacement, and no service needed. The MS842e also features an IP42-rated environmental seal against moisture and dust.

Practical and comfortable

Certain applications consist of very scan-intensive work circumstances. With its ergonomic design and weight of just 210 grams, the MS842 is very user friendly and ideal for those tasks that require high volume scanning.

Great scanner at a great price

Enjoy the high performance of the Unitech MS842e handheld scanner at a very competitive price!

Main Features MS842e (economic version)

- Top quality engine & decoder
- Reads all common 1D and 2D barcodes and optional HD reader
- Ergonomic design
- Lightweight: only 210 grams
- Durable robust design: IP42 and 1.8 drop spec.
- Long life trigger design



Operational & Performance

Technology	CMOS Imager sensor
Light source	LED (620-630nm)
Resolution	752 x 480
Ambient Light Immunity	Max. 100,000 Lux
Reading angle	Skew: $\pm 50^\circ$ Pitch: $\pm 50^\circ$
Reading indicators	Beeper (adjustable tone)

Reading distance (DOF)

Standard	near	far
Code 39, 5mil	6.5cm	18.0cm
PDF417, 6.7mil	4.8cm	18.5cm

High resolution	near	far
Code 39, 3mil	3.6cm	14.0cm
PDF417, 4mil	2.5cm	13.0cm

* = depends on width of barcode

Symbologies

Decode Capability	1D: Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, OCR-B, Codabar, Interleaved 2 of 5, ISBN, Code93, UCC/EAN-128, GS1 Databar.
	2D: PDF417, QR Code(Model 1/2), DataMatrix(ECC200, ECC000, 050, 080, 100, 140), Aztec, Maxicode.

Power Source

Operation voltage	DC 3.3V
Consumption	Operation mode: <450mA Standby mode: < 75mA

Data Formatting

Prefix, Suffix, Code ID

Operation mode

Trigger mode, Presentation mode

Connectivity

USB, RS232

Enclosure

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

Environmental

Operating temperature	0°C to 50°C
Storage temperature	-20°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

Hands Free Stand
Interface cable

Warranty

1 year

Regulatory approvals

CE, FCC

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