



MS842e

2D Imager Scanner

The MS842e 2D handheld scanners featuring the industry's superior 2D imaging technology, and combining with rugged material and compact design, the device is a cost-effective and reliable tool for enterprises to streamline processes in a broad variety of markets and applications.

Affordability and Durability

For most benefits in enterprise environment, MS842e is built for affordability and durability into your business workforce. Featuring an IP42 environmental sealing against moisture and dust and a high 1.8M drop specification, MS842e could survive even in accidents happen in every business surrounding. If one of your employees drops the MS842e (on concrete), he/she can pick it up and continue scanning without any problem. No downtime, no replacement, no service needed. The long life trigger design of 10 million times guarantees a continuous productivity for a long period of time.

Efficiency at highest level

Due to the high speed decoder and high performance engine this MS842e 2D scanner is one of the efficient scanning solution in its class. It can easily be used in high demanding scanning applications like ticket management or security during events, industrial shipment management and inventory management in pharmacies. Users can depend on this efficient scanner without hesitation, wherever it is being used. The large decode distance, wide scan angles and buzzer ensures a high efficiency level.

Practical and compact

Many tasks in warehousing, retail and transportation surroundings include a lot of scanning activities. By weighing only 200 grams the MS842e is very user friendly, also over a longer period of time. The ergonomic and compact design will ease the scanning tasks additionally. Due to two operational modes: trigger mode and presentation mode, this scanner can be used in the most practical way depending on the scanning task.

Features

- Affordable price with industrial class benefits
- High performance engine & decoder
- Supports all 1D and 2D barcodes
- Long life trigger design
- Durable rugged scanner: IP42 and 1.8 drop spec.
- Lightweight: only 200 grams

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Optical & Performance

Receiving Device	EM2037 2D engine
Light Source	620-630nm LED
Sensor	CMOS
Resolution	752x480
Skew Angle	±50 degrees
Pitch Angle	±50 degrees
Ambient Light Immunity	100,000 lux (full sunlight) candles

Reading Distance

Maximum Bar Size	Symbology	SR	ER
5mil	Code 39	6.5 - 18 cm	10.5 - 25 cm
6.67mil	PDF417	4.8 - 18.5 cm	10 - 21 cm
10mil	Datamatrix	4 - 18 cm	9 - 21 cm
13mil	UPCA	5 - 32 cm	6 - 41 cm
20mil	Code 39	3.5 - 45 cm	5 - 64 cm
20mil	QR	3.2 - 30 cm	4.2 - 39.5 cm

Functionality

Symbologies	1D:Code128, EAN-13, EAN-8, Code39, UPC-A,UPC-E, 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,
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Operation Mode	Trigger Mode, Presentation Mode
Data Formatting	Prefix, Suffix, Code ID, Reformatting Date

Electrical

Operation Voltage	DC 3.3V
Current Consumption	Operation mode: <450mA , Standby mode: <75mA

Mechanical

Dimension	176 x 74 x 89 mm
Weigh	200g (without cable)

Environmental

ESD Protection	Functional after 8K Contact and 12K Air
Mechanical Shock	1.8m onto concrete (scanner only)
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 70°C
Relative Humidity	95% non-condensing

Communication

USB interface



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About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
 - Data destruction
 - Hardware disposal
 - Auditing services

Dedicated client account team

- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



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