



MS842DPM

2D DPM Handheld Scanner

Efficiency at highest level

Efficiency, durability and a compact design combined in one scanner, the MS842DPM. Supporting most 1D and 2D barcodes and some direct part marking (DPM), this DPM barcode scanner are equipped with imagers capable of reading barcodes that are chemical etched or imprinted directly into the surface of materials such as plastic and metal. It can be used in a broad variety of markets and DPM applications. With high speed decoder and high performance engine, this MS842DPM scanner is one of the most efficient scanning solutions 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.

Durability & low cost of ownership

The MS842DPM scanner features an IP42 environmental sealing against moisture and dust and a high 1.8M drop specification. If one of your employees drops the MS842DPM 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. MS842DPM is your best choice to improve productivity and better business management in retail and office environments, hospitals, pharmacies, warehouses and manufacturing plants.

Practical and compact

Many tasks in retail and transportation surroundings include a lot of scanning activities. By weighing only 170 grams the MS842DPM 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

- High performance engine & decoder
- Advanced barcode reading technology for decoding Direct Part Marking (DPM)
- Supports most 1D and 2D barcodes and direct part marking (DPM)
- Long life trigger design
- Durable rugged scanner : IP42 and 1.8 drop spec.
- Lightweight: only 170 grams
- Supports both Zebra SSI and SNAP protocols





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Specifications

Optical & Performance

Receiving Device	Image Sensor, 1280 x 960 pixels
Light Source	Illumination : 2* Warm white LEDs
	Aiming : 655 nm VLD
Max. Resolution	HD: 3 mil (code 39), 4 mil (PDF417)
Skew Angle	±60 degrees
Pitch Angle	±60 degrees
Reading Distance (DOF PCS=80%)	

Decode Range	Near	Far
3 mil Code 39	1.7 in./4.3 cm	4.3 in./10.9 cm
5 mil Code 128	1.7 in./4.3 cm	4.3 in./10.9 cm
5 mil PDF417	1.7* in./4.3 cm	4.7 in./11.9 cm
6.67 mil PDF417	1.9 in./4.8 cm	4.0 in./10.2 cm
10 mil DataMatrix	1.6 in./4.1 cm	4.9 in./12.4 cm
5 mil QR Code	1.9 in./4.8 cm	4.0 in./10.2 cm
10 mil QR Code	1.1 in./2.8 cm	5.0 in./12.7 cm
100% UPCA	2.4* in./6.1 cm	7.3 in./18.5 cm

Functionality

Symbologies	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)
Operation Mode	Trigger Mode, Presentation Mode
Data Formatting	Prefix, Suffix, Code ID, Reformatting Date

Electrical

Operation Voltage	DC 3V to 5V
Current Consumption	Operation mode: <400mA , Standby mode: <160mA

Mechanical

Dimension	176 x 74 x 89 mm
Weigh	170g (without cable)
Switch life	10 million time

Environmental

ESD Protection	Functional after 8K Contact and 12K Air
Mechanical Shock	1.8m onto concrete (scanner only)
IP rate	IP42
Operating Temperature	0°C to 50°C
Storage Temperature	-30°C to 70°C
Relative Humidity	95% non-condensing

Communication

USB, RS232

Regulation Approvals

CE, FCC, BSMI, VCCI

Accessories

Hand-free stand
Interface cable



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