



# MS842

## 2D Imager Scanner

Efficiency, durability and a compact design combined in one scanner, the MS842. Supporting all common 1D and 2D barcodes, this scanner can be used in a broad variety of markets and applications. Start scanning, don't stop!

### Efficiency at highest level

Due to the high speed decoder and high performance engine this MS842 2D scanner is one of the most 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.

### Durability & low cost of ownership

The MS842 scanner features an IP42 environmental sealing against moisture and dust and a high 1.8M drop specification. Accidents happen in every business surrounding. If one of your employees drops the MS842 (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.

### Practical and compact

Many tasks in retail and transportation surroundings include a lot of scanning activities. By weighing only 200 grams the MS842 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
- Supports all 1D and 2D barcodes
- Long life trigger design
- Durable rugged scanner: IP42 and 1.8 drop spec.
- Lightweight: only 200 grams
- Supports both Zebra SSI and SNAP protocols
- High reading distance



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## 2D Imager Scanner



### Optical & Performance

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Receiving Device                  | Image Sensor, 752 x 480 pixels        |
| Light Source                      | Illumination : 625 nm LED             |
|                                   | Aiming : 655 nm VLD                   |
| Max. Resolution                   | SR: 5 mil (code 39), 6.7 mil (PDF417) |
|                                   | HD: 3 mil (code 39), 4 mil (PDF417)   |
| Skew Angle                        | ±60 degrees                           |
| Pitch Angle                       | ±60 degrees                           |
| Reading Distance<br>(DOF PCS=80%) |                                       |

| SR             | near  | far    |
|----------------|-------|--------|
| Code 39, 5mil  | 5.3cm | 19.1cm |
| PDF417, 6.7mil | 8.6cm | 18.0cm |

| HD            | near  | far   |
|---------------|-------|-------|
| Code 39, 3mil | 4.1cm | 9.7cm |
| PDF417, 4mil  | 4.6cm | 8.9cm |

\* =dependent on width of bar code

### 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 |



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### 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



**Zapraszamy do kontaktu!**  
**Więcej informacji: [www.kreski.pl](http://www.kreski.pl)**

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