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EMPOWERING SOLUTIONS

# MS336
## Rugged
## Imager
## Scanner



### MS336 2D Imaging Scanner

Whether you are looking for a 1D or 2D scanner or an imager, the MS336 offers all three in a single compact device. It is ideal for retail, postal, manufacturing and distribution centre applications where 2D barcode scanning or image capture is required. All common barcodes are supported including PDF417, Maxicode, DataMatrix and QR Code.

### Flexible Use

The MS336's flexibility doesn't stop at its ability to scan a variety of 1D and 2D barcodes or to capture images. It also offers a choice of scanning modes for either hand held or hands free use and comes with an optional desk stand for hands free presentation scanning applications or a mixture of hand held and hands free use.

### Lightweight and Rugged

Weighing just 300g, the MS336 is one of the lightest scanners in its class. But don't let its weight fool you into thinking it won't be tough enough for light industrial use. Its rugged design can withstand multiple 1.5m drops to concrete minimising downtime due to breakage and lowering the total cost of ownership.

### Comfortable and Easy to Use

The MS336 has a visible laser diode (VLD) aiming pattern scan rate for quick and easy scanning and image capture. Its stylish looks have

been ergonomically designed with the user in mind to optimise their comfort for scan intensive applications.

### Quick and Easy to Set Up

With USB connectivity set up is easy. Simply use Windows based software or bar codes for configuration and you'll be up and running in no time.

### Cost Effective & Future Proof

The MS336's ability to capture images and read both 1D and 2D barcodes reduces the number of scanners required in your business. Now you can read all common barcodes and capture pictures in a single cost effective device that will support you well into the future.

### Features

• High performance 2D scan engine
• Reads all common 1D and 2D barcodes
• Image capture future proofs your investment
• Image engine offers excellent reliability
• Rugged design withstands multiple 1.5m drops to concrete
• Weighs just 300g making it lightweight and comfortable to use
• Optional stand for hands free presentation scanning
• Easy set up via USB and using Windows based software or barcodes

# MS336
## Specifications

## OPTICAL / PERFORMANCE

| | |
|---|---|
| Receiving Device | SE4400 2D Engine |
| Light Source | Visible 635nm LED |
| Ambient Light immunity | 96900 lux (full sunlight) |
| Aiming Pattern | 650nm Visible Laser Diode (VLD) |
| Resolution | 640 x 480 pixels |
| Skew Angle | ± 50° |
| Pitch Angle | ± 60° |
| Field of view | SR – standard range: 34°V * 43°H |
| Roll/Pitch/Yaw | SR – standard range: 360°, ±65°, ±60°, |
| Print contrast | 25% minimum reflectance |

## ELECTRICAL

| | |
|---|---|
| Peak current consumption | 320mA |
| Aiming Current | 45mA |
| Power Requirement | Power Input 5VDC/2A |

## MECHANICAL

| | |
|---|---|
| Dimensions | 100 mm (L) x 70 mm (W) x 180 mm (H) |
| Weight | 300 g |
| Drop proof | 1.5M onto concrete |

## FUNCTIONALITY

| | |
|---|---|
| Operation Mode | Trigger mode, presentation mode |
| 1D Symbologies | UPC/EAN, Discrete 2 of 5, Code 128, Code 39, Code 93, Codabar, UCC.EAN128, RSS, 12 of 5, MSI |
| 2D Symbologies | DataMatrix, Maxicode, QR code |
| PDF417 | PDF417, microPDF417, composites codes |
| Postal Codes | US Postnet, US Planet, UK Postal, Australian Postal, Japan Postal |
| Image (pixels) | 1.3 Megapixel: 1280H x 1024V |
| Graphics Format Support | Images can be exported as bitmap, jpeg and Tiff |
| Image transfer speed | USB 1.1: up to 12 Megabits/second |
| Image transfer time | Typical USB application is ~0.2 seconds with a compressed jpeg of 100kb |

## ENVIRONMENTAL

| | |
|---|---|
| Operating Temperature | -20°C to ~55°C |
| Storage Temperature | -40°C to ~70°C |
| Relative Humidity | 95% non-condensing at 60°C |

## REGULATORY APPROVALS

CE, FCC, BSMI, VCCI

## COMMUNICATION

| | |
|---|---|
| Interface | USB |

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