



# MS337

## 2D Imager Scanner

The Unitech MS337 is an innovative and rugged handheld imager scanner. Its powerful 2D scan engine offers precision and accuracy, and is flexible enough for use in multiple applications including retail, banking and warehousing.

### **Innovative Technology**

The MS337's aggressive decoding software provides unmatched performance at reading the most comprehensive bar code symbologies. The MS337 features true omni-directional 2D area scanning technology with a high-resolution image sensor and wide-angle lens.

### **Increase Efficiency and Productivity**

The MS337 features a variety of powerful features designed to increase efficiency and productivity. The MS337's aggressive scan engine reads even damaged, wrinkled and curved bar codes with greater precision and its LED flash has virtually no repeated scanning. Its scanning technology provides greater accuracy for multiple industry applications including security and identification, inventory management and banking.

### **Reliable and Versatile**

With its 5-foot drop threshold and easy configuration, the MS337 seamlessly fits into any data capture solution. The MS337 is well suited for indoor and outdoor use and has the ability to scan in direct sunlight and total darkness. Your investment is protected by the MS337's rugged design, PC based software and easy firmware upgrades, cutting costs by minimizing downtime.

### **Main Features:**

- 5-foot drop threshold
- 1.2MP CMOS image sensor
- Supports USB interface
- 1D, 2D and OCR (optional)
- Supports 3 – 5.5 VDC power input
- Image transfer (beta software available)
- FirstFlash™ with integrated illumination SwiftDecoder™ Industrial standard

### Operational

Image sensor	CMOS, 1.23 mega pixel
Decode Capability	All standard 1D, 2D and OCR symbologies
Illumination	650 nm LED
Aiming	615 nm LED
Symbologies	1D: Code 39, Code 93, Code 128, UPC/EAN/JAN, Code 2 of 5, Code 11, Codabar, MSI Plessey, GS1 DataBar, Telepen, Trioptic 2D: PDF417, MicroPDF417, QR Code, Micro QR Code, Data Matrix, Aztec Code, Maxicode, Codablock, Composite Code, POSTNET, PLANET, UPU, Intelligent Mail, Canada Post, Australia Post, Japanese Post, Royal Mail RM4SCC, KIX Code
	*OCR: OCR-A, OCR-B, E-13B MICR *Note: Enable by purchasing decoding license
Operation Mode	Trigger Mode, Presentation Mode
Ambient Light Immunity	96900 lux (full sunlight) candles

### Scan Performance

Depth of Field	1 - 12.2"
Width of Scan Field	4.7" w x 3.5" h @ 5" 9.3" w x 6.8" h @ 10"
Minimum Element	Width: 1D - 4 mil Width: 2D - 7.5 mil, Data Matrix
Resolution	1280 x 960 pixels
Print Contrast	20% minimum reflectance difference
Scan Pattern	Area
Focal Point	3.94" from the imager face
View Angles	50° (horizontal), 37.5° (vertical)

### Enclosure

Weight	7 oz. (without cable) 10.6 oz. (with cable)
Dimension	7.1"H x 2.75"W x 3.9"D

### Environmental

Operating temperature	32°F to 104°F
Storage temperature	-4°F to 158°F
Light Levels	0 - 100,000 lux (total darkness - direct sunlight)
Shock	7 G over 10 - 500 Hz
Drop Test	5-foot drop threshold

### Warranty

Main Unit	3 years
Cables, Adapters	90 days



Specifications subject to change without notice.

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