

unitech

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.

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 and 2D symbologies
Illumination	650 nm LED
Aiming	615 nm LED

Mechanical

Dimensions	100 mm (L) x 70 mm (W) x 180 mm (H)
Weight	200 g w/o cable, 300 g with cble

Environmental

Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 70°C (-4°F - 158°F)
Humidity	0% - 95% relative humidity, non-condensing
Light Levels	0 - 100,000 lux (total darkness - direct sunlight)
Shock	7 G over 10 - 500 Hz
Drop	Designed to withstand repeated 1.5 m (5') drops to concrete floors when mounted inside a scanner case.

Scan Performance

Depth of Field	25 mm – 310 mm, (1 - 12.2") for 100% UPC
Width of Scan Field	118 mm (w) x 86 mm (h) (4.7" w x 3.5" h) @ 127mm (5"); 237 mm (w) x 172 mm (h) (9.3" w x 6.8" h) @ 254 mm (10") from engine face
Minimum Element	Width, 1D 0.102 mm (4 mil) Width, 2D 0.191 mm (7.5 mil), Data Matrix
Resolution	1280 x 960 pixels
Print Contrast	20% minimum reflectance difference
Scan Pattern	Area
Focal Point	100 mm (3.94") from the imager face
View Angles	50° (horizontal), 37.5° (vertical)



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