Trade Scales Limited

Unitech Scanning Solutions

Unitech MS-337

Features

- **Business Efficiency and Profitability -** innovatively designed MS337 2D rugged image scanner provides for greater business efficiency, reading accuracy and productivity with its fast 2D scanning engine and highly aggressive performance. Its LED flash has virtually no repeated scanning making it highly efficient and competitive in its class by reducing costs and maximizing uptime and limiting downtime.
- **Enhanced Efficient Technology –** This scanner offers true Omni-directional 2D area scanning technology with its high resolution integrated illumination mega pixel image sensor and wide-angle lens designed to cover a large scanning area to meet industry demand with its enhanced technology offering precision and accuracy, reducing power consumption and increasing efficiency.
- **Highly Reliable and Flexible Technology -** The MS337 provides easy firmware upgrades of new features and is ideal for hand-free or self-service applications with no need for additional hardware triggers. The MS337 is the one device for both indoor and outdoor use in either absolute darkness or direct sunlight making it a highly versatile scanner.
- **Integrated Precision Performance** - The Unitech MS337 accurately decodes even the most comprehensive sets of symbologies with greater precision, which includes damaged, poorly printed or wrinkled documents effectively. The MS337 is easily integrated with existing applications utilizing the latest state of the art CMOS technology offering unparalleled flexibility for customization and easy configuration with its PC-based software.

Features

- FirstFlash™ with integrated illumination SwiftDecoder™ decoding software
- Industrial standard miniature form factor
- Image transfer (beta software available)
- USB interface
- 3 - 5.5 VDC power input1D, 2D and OCR (option)
- High-resolution image transfer

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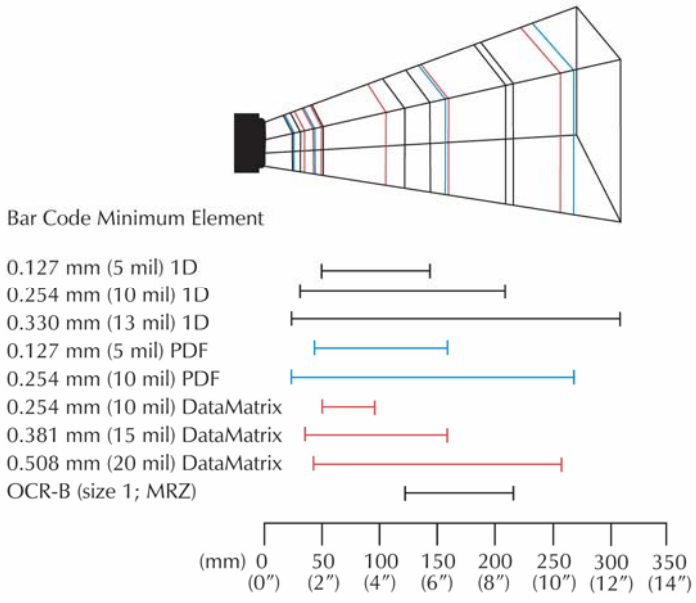
Specifications

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	0ºC ~ 40ºC (32ºF ~ 104ºF)
Storage Temperature	-20ºC ~ 70ºC (-4ºF ~ 158ºF)
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)
Scan Ranges	



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