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MS852

2D Imager Scanner

Easy and intuitive design combined in one scanner, the new unitech MS852 handheld scanner delivers the simple way to make your checkout line faster and efficiency for all retail solutions from point-of-sale systems, loyalty cards, mobile payments and electronic coupons in retail store to general purpose hospitality scanning, , and it is available to read OCR.

Simple and Affordable

Specially built for retail environment, the MS852 has the ability to capture most 1D / 2D barcodes on mobile screens, even damaged or poorly printed barcodes. Featuring a compact size in an ergonomic housing, the MS852 handheld scanner is easy to hold and operate, just plug-and-play and connect it to your computer via USB cable. There is no need to do any additional installation or training, it's ready to work. This device enhances the workflow efficiency in an affordable price.

User-Friendly

Featuring an automatically switching function for best customer experience, the handheld device can be detected via sensor on the stand to switch presentation mode or trigger mode. Equipped with a louder beeper and brighter LED indicators, the MS852 allows users to recognize the feedbacks easily even in dark environment.

Compact but durable

While sustaining a 2.1 meter drop to concrete, MS852 incorporated with IP42 rugged design for protection against dust and moisture. Moreover, the built-in long lifecycle trigger of 10 million times guarantees a continuous productivity for best reliability. This scanner can be used in the most practical way depending on the scanning task in various solutions in retail, hospitality and government.

Features

- Lightweight design: Only 147g without cable
- Support OCR, most 1D / 2D barcode on mobile screens, even damaged or poorly printed barcodes
- Long lifecycle trigger design: Up to 10,000,000 times.
- Auto switching function between trigger mode and presentation mode with its stand
- Ultra-rugged design : IP42 and 2.1m drop spec
- Louder beeper and brighter LED indicators for easily recognizing feedbacks

unitech

MS852
Specifications



Optical & Performance

Sensor	CMOS sensor with 1280 x 960 pixels, rolling shutter
Aiming Element	610nm, Green LED
Illumination	1 warm white LED
Skew Angle	± 60°
Pitch Angle Sensor	± 60°
Roll Angle	0 - 360°
Optical Resolution	5.0 mil (Code 39), 6.6 mil (PDF417)
Printing Contrast Scale	Minimum 20%

Depth of Field (DOF PCS=80%)

Barcode type	Near	Far
5 mil Code 39	2.4 in / 6.1 cm	9.5 in / 24.1 cm
5 mil Code 128	2.8 in / 7.1 cm	9.0 in / 22.9 cm
6.67 mil PDF417	2.4 in / 6.1 cm	8.0 in / 20.3 cm
10 mil Data Matrix	2.9 in / 7.4 cm	8.5 in / 21.6 cm
100% UPC	1.8 in / 4.6 cm	19.5 in / 49.5 cm
15 mil QR	1.2 in / 3.0 cm	11.5 in / 29.2 cm
20 mil QR Code	1.5 in / 3.8 cm	11.5 in / 29.2 cm

Communication

Host Interface supported	USB / RS232

Mechanical

Dimension	87.8 L x 71.6 W x 177.7 H (mm)
Weight	147g without cable
Trigger Switch Life	10 million times

Electrical

Power Requirement	DC 5V +/- 10%
Current	Operating: 235mA
	Standby: 60mA

Regulatory Approvals

CE, FCC, BSMI, VCCI

Symbologies

1D	UPC/EAN/JAN, Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5 (ITF), Discrete 2 of 5 (DTF), Codabar (NW - 7), MSI, Chinese 2 of 5, Matrix 2 of 5, Inverse 1D, GS1 DataBar, Composite Codes
2D	PDF417, MicroPDF417, Code 128, Data Matrix, GS1 Data Matrix, Data Matrix Inverse, Decode Data Matrix, Maxicode 294, QR Code 293, GS1 QR Code, Micro QR Code, Linked QR Code, Aztec, Aztec Inverse, Han Xin Code, Han Xin Inverse, Grid Matrix, Grid Matrix Inverse, Grid Matrix Mirror, Macro PDF
Postal Codes	Australia Post, Australia Post Format, UK Postal, Japan Postal, Netherlands KIX Post, GS1 Composite, Korea Post, US Postnet, US Planet, Transmit US Postal Check Digit Transmit UK Postal Check Digit, USPS 4CB/One Code/Intelligent Mail, UPU FICS Postal, Mailmark

Environmental

ESD Protection	Functional after 8K Contact and 15K Air
Mechanical Shock	2.1M onto concrete (scanner only)
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-20°C to 60°C
Relative Humidity	95% non-condensing
IP Rating	IP42

Accessories

Standard Hands Free Stand (Optional)



Package Contents

Scanner + Cable

Headquarters
Taipei, Taiwan
http://www.ute.com e-mail: info@hq.ute.com

unitech America
Los Angeles
http://us.ute.com e-mail: info@us.ute.com
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