



MS282

Retail POS 2D Barcode scanner

The new Unitech MS282 are compact, trendy, and unique handheld scanners that offer customizable top casings to fit your business style. Its linear and two-dimensional barcode scanning technology works for a wide range of markets and applications, from point-of-sale systems, loyalty card and mobile coupons in retail store to general purpose hospitality scanning.

Customize with your logo to fit your brand

The MS282 handheld scanners bring you a stunning user experience with its stylish and sleek design. Unitech also offers a variety of custom branding services that allow users to change the top case to fit your business style. It can be printed on your own company's insignia can be printed directly on the device to enhance your business and brand value and catch customers' eyes in retail stores.



Intuitive and easy to use

Featuring a compact size in an ergonomic housing, the MS282 handheld scanner are 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 maximum compatibility by reading major 1D/2D barcode types, and even reads damaged or poorly printed bar codes.

Features

- Custom cover service to fit your business style
- Built-in a trendy atmosphere light in an ergonomic housing
- Magnetic hands free stand provides a simpler way to hold the MS282 that ensures longer service time
- Durable rugged scanner: IP42 and 1.5M drop spec.
- Versatile scanning modes: supports both trigger and presentation mode scanning
- Reads most 1D/2D barcode types
- Design for reading barcodes on mobile screens

Durability

This rugged 2D barcode scanner is truly enterprise-ready. It features an IP42 environmental seal against moisture and dust and a 5-foot drop specification. The MS282 barcode scanner offers a presentation mode that allows you to scan barcodes automatically without pressing buttons. Alternatively, it can be used manually in trigger mode. With versatile capabilities, the MS282 is truly an elegant barcode scanner with high value. With the magnetic barcode scanner stand, it provides a simpler way to hold the MS282 that ensures longer service time. Built in versatile capabilities, the MS282 is truly an elegant barcode scanner with high value.

Trendy atmosphere lighting design

An integrated and modern lighting design on the MS282 barcode scanner lends a delightful ambiance. The LED strip comes in light blue colors and varying brightness levels. This design fosters an elegant mood and enhances the branding level to your workforce.



Optical & Performance

Sensor	CMOS sensor with 640 x 400 pixel
Aiming Element	610nm
Illumination	Hyper Red 660nm
Ambient Light	10000 ft. candles (107,639 lux)
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%)	SYMBOLGY / X-DIM TYPICAL RANGE* Near Far
	5 mil Code 39 2.0 in / 5.1 cm 6.4 in / 16.2 cm
	5 mil Code 128 2.5 in / 6.3 cm 5.0 in / 12.7 cm
	6.6 mil PDF417 2.5 in / 6.3 cm 6.3 in / 16.0 cm
	10 mil PDF417 1.8 in / 4.5 cm* 9.0 in / 22.8 cm
	13 mil 100% UPC 2.0 in / 5.0 cm* 12.5 in / 31.7 cm
	20 mil Code 39 2.0 in / 5.0 cm* 19.5 in / 49.5 cm
	20 mil Data Matrix 1.5 in / 3.8 cm 13.5 in / 34.3 cm
	20 mil QR Code 1.5 in / 3.8 cm 11.0 in / 27.9 cm

Functionality

Symbologies	1D: All major symbologies and PDF417 2D: QR Code, Data Matrix, Aztec Code, PDF417, Macro PDF417, Micro PDF417, MaxiCode, Coda block A, Codablock F, GS1 Composite, Han Xin Code, Australian Post, British Post, Canadian Pos, InfoMail, Intelligent Mail Bar Code, Japanese Post, KIX (Netherlands) Post, GS1 Composite, Korea Post, Planet Code, Postal, Postnet
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Electrical

Operation Voltage	DC 5V +/- 10%
Current Consumption	Operation mode: <235mA, Standby mode: <60mA
Indicator	Buzzer, LED

Mechanical

Front cover	Customizable
Dimension	179.7 mm x 47.5mm x 51.3mm (L x H X W)
Weight	130g
Trigger Switch Life	10 million times

Environmental

ESD Protection	Functional after 8K Contact and 12K Air
Mechanical Shock	1.8m onto concrete (scanner only)
IP rate	IP42
Operating Temperature	0°C to 50°C
Storage Temperature	-30°C to 70°C
Relative Humidity	5% to 90% non-condensing

Communication

Host Interface supported	USB / RS232
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Regulation Approvals

CE, FCC, BSMI, VCCI

Accessories

Hands Free Stand

What comes in the box

Scanner



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
http://can.ute.com info@can.ute.com

Mexico
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Unitech Asia Pacific & Middle East

Taipei
http://apac.ute.com info@apac.ute.com / info@india.ute.com
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