MS282
2D Barcode Scanner

Add to the aesthetics of your work or retail space with the MS280* or MS282. The new Unitech MS282 is a compact, trendy, and unique handheld scanner that offers customizable top covers 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 to general purpose hospitality scanning.

Customize with your logo to fit your brand

The MS282 handheld scanner brings 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 cover panel to fit your business style. Print your company's insignia 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 ergonomic housing, the MS282 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 maximum compatibility by reading major 1D/2D barcode types, and even reads damaged or poorly printed bar codes.

*MS280 (1D) Version Also Available.

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. Alternately, it can be used manually in trigger mode. With versatile capabilities, the MS282 is truly an elegant barcode scanner with high value. The optional magnetic barcode scanner stand provides a simpler way to hold the MS282 that ensures longer service time.

Main Features:

- Customized cover to suit your company's style
- Built-in a trendy atmosphere light in ergonomic housing
- Durable rugged scanner: IP42 and 5 ft drop spec.
- Reads most 1D/2D barcode types
- Designed to read barcodes on mobile screens

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Optical & Performance

Sensor	CMOS sensor with 640 x 400 pixel
Aiming Element	610nm
Illumination	Hyper Red 660nm
Ambient Light	10,000 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%)	SYMBOLOGY / 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

Mechanical

Front Cover	Customizable
Scanner Dimension	7.0 x 1.8 x 2.0 in. (179.7 x 47.5 x 51.3 mm)
Scanner Weight	4.5 oz (130 g)
Trigger Switch Life	10 million times

Electrical

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

Communication

Host Interface Supported	USB / RS232

User Environment

ESD Protection	Functional after 8K Contact and 12K Air
Operating Temperature	32° ~ 122° F/ 0° ~ 50° C
Storage Temperature	-22˚ ~ 158˚ F/ -30° ~ 70° C
Humidity	5% to 90% non-condensing
Drop Durability	5 ft
Sealing	IP42
Ambient Light	10,000 ft candles (107,639 Lux)

Regulatory

CE, FCC, BSMI, VCCI

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, GS1Composite, 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

Accessories
Hands Free Stand

Warranty
3 Years

Customize the MS282 with your logo to fit your brand

www.unitechbarcode.com

Unitech America, Inc. | 6182 Katella Avenue | Cypress, CA 90630
714-891-6400 ph | 800-861-8648 toll | 714-891-5050 fx