



MS280/MS282

Retail POS 1D / 2D Barcode scanner

The new Unitech MS280/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 MS280/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 Your 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 MS280/MS282 handheld scanners 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 or 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 (MS280), 2D (MS282) barcode types
- Design for reading barcodes on mobile screens

Durability

This rugged 1D or 2D barcode scanner is truly enterprise-ready. It features an IP42 environmental seal against moisture and dust and a 5-foot drop specification. The MS280/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 MS280/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 MS280/MS282 is truly an elegant barcode scanner with high value.

Trendy atmosphere lighting design

An integrated and modern lighting design on the MS280/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.

MS282 / MS280

Specifications

Model		MS280 (1D)	MS282 (2D)
Optical & Performance	Sensor	CMOS Linear Sensor	CMOS sensor with 640 x 400 pixel
	Aiming Element	N/A	610nm
	Illumination	625nm visible red LED	Hyper Red 660nm
	Ambient Light	100,000 Lux (Sunlight)	10000 ft. candles (107,639 lux)
	Skew Angle	±50°	± 60°
	Pitch Angle Sensor	±65°	± 60°
	Roll Angle	±25°	0 - 360°
	Optical Resolution	3mil/ 0.075mm	5.0 mil (Code 39), 6.6 mil (PDF417)
	Printing Contrast Scale	30%	Minimum 20%
	Depth of Field (DOF PCS=80%)	SYMBOLGY / X-DIM TYPICAL RANGE* Near Far 3 mil Code39 72 ~ 92mm (13 digits) 4 mil Code39 65 ~ 125mm (4 digits) 5 mil Code39 65 ~ 165mm (4 digits) 10 mil Code39 30 ~ 290mm (4 digits) 15 mil Code39 40 ~ 420mm (4 digits) 13 mil UPC/ EAN 35 ~ 330mm (13 digits)	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
Communication	Host Interface supported	USB / RS232	USB / RS232
Mechanical	Front cover	Customizable	Customizable
	Dimension	179.7 mm x 47.5mm x 51.3mm (L x H X W)	179.7 mm x 47.5mm x 51.3mm (L x H X W)
	Weight	135g	130g
	Trigger Switch Life	10 million times	10 million times
Functionality	Symbologies	UPC-A/ UPC-E, EAN-8/ EAN-13, Matrix 2 of 5, China Postal Code (Toshiba Code), Industrial 2 of 5 Interleaved 2 of 5, Standard 2 of 5 (IATA Code) Codabar, Code 11, Code 32, Standard Code 39 Full ASCII Code 39, Code 93, Code 128, EAN/ UCC 128, MSI Plessey Code, UK Plessey Code, Telepen Code, GS1 Databar	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
Electrical	Operation Voltage	DC 5V +/- 10%	DC 5V +/- 10%
	Current Consumption	Operation mode: <145mA, Standby mode: <60mA	Operation mode: <235mA, Standby mode: <60mA
	Indicator	Buzzer, LED	Buzzer, LED
Environmental	ESD Protection	Functional after 8K Contact and 12K Air	Functional after 8K Contact and 12K Air
	Mechanical Shock	1.5M onto concrete (scanner only)	1.5M onto concrete (scanner only)
	Operating Temperature	-10°C to 50°C	-10°C to 50°C
	Storage Temperature	-20°C to 60°C	-20°C to 60°C
	Relative Humidity	95% non-condensing	95% non-condensing
	IP Rating	IP42	IP42
Accessories	Items	Magnetic Hands Free Stand (Optional)	Magnetic Hands Free Stand (Optional)
Regulatory Approvals	Types	CE, FCC, BSMI, VCCI	CE, FCC, BSMI, VCCI
Package Contents	Items	Scanner	Scanner



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