



# MS282

## Retail POS 2D Barcode scanner

The new Unitech MS282 is a compact, trendy and unique handheld scanner 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 print 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 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.

### 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          | SYMBOLGY / X-DIM TYPICAL RANGE* Near Far             |
| (DOF PCS=80%)           | 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 |

► **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 |
|--------------------------|-----|

► **Regulation Approvals**

CE, FCC, BSMI, VCCI

► **Accessories**

Hands Free Stand

► **What comes in the box**

Scanner



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