# MS832

## 2D Imager Scanner

Delivering effective data capture, the MS832 area-imaging scanner offers high performance for increasing productivity. The cost-effective and reliable handheld scanner is an ideal scanning tool for a wide variety of applications, such personal identification, ticket management and gaming market.

**2D reading capabilities along with durability**
In order to give most benefits in enterprise environment, unitech MS832 provides the superior scanning in any orientation. Featuring an IP40 environmental sealing against moisture and dust as well as a high 1.0M drop specification, MS832 could survive even in accidents happen in every business surrounding. If one of your employees drops the MS832 (on concrete), he/she can pick it up and continue scanning without any problem. Moreover, the trigger design offers long life of 1 million times guarantees a continuous productivity for a long period of time. MS832 is built for affordability and durability into your business workforce.

**Superior data capture performance**
With superior data capture performance, MS832 handheld scanner supports up to 355mm reading depth of 1D and 2D barcode, also its advanced technology has an ability to read bar codes on mobile phone screens. It extends a clever way for enterprises through mobile couponing, control inventory and speed checkout.

**Practical and compact design**
Combing an ergonomic and compact design, MS832 is easy to operate in dual modes: trigger mode and presentation mode, this scanner can be used in the most practical way depending on the scanning task in warehousing, retail and transportation surroundings include a lot of scanning activities.

### Features

- Affordable price with industrial class benefits
- Lightweight and ergonomic design : only 120 g
- Available to read most 1D, PDF417 and 2D symbologies
- Rugged design: Durable rugged scanner: IP40 and 1.0 M drop spec
- Ability to read bar codes on mobile phone screens
- Auto object detection and dual operational modes: trigger mode and presentation mode

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## 2D Imager Scanner

## Optical & Performance

| | |
|---|---|
| Receiving Device | Image Sensor, 640 x 480 pixels |
| Light Source | Illumination: Highly visible white LED |
| | Aiming : 617 nm red LED |
| Max. Resolution | 5 mil (code 39), 6.7 mil (PDF417) |
| Skew Angle | ±70 degrees |
| Pitch Angle | ±60 degrees |
| Printing Contrast Scale | Minimum 35% contrast |
| Motion Tolerance | 100mm per second, 13 mil UPC |

Reading Distance

| 1D | Distance |
|---|---|
| Code 39, 5mil | 33 - 95 mm (1.3 - 3.7 in.) |
| UPC-A,13 mil | 32 - 255 mm (1.3 - 10.0 in.) |
| Code 39, 20 mil | 35 - 355 mm (1.4 - 14.0 in.) |

| 2D | Distance |
|---|---|
| PDF417, 6.7 mil | 30 - 95 mm (1.2 - 3.7 in.) |
| Data Matrix, 10mil | 30 - 100 mm (1.2 - 3.9 in.) |
| Data Matrix, 15mil | 21 -162 mm (0.8 -6.4 in.) |
| QR, 20mil | 23 -200 mm (0.9 -7.9 in.) |

## Functionality

| | |
|---|---|
| Operation Mode | Trigger Mode, Presentation Mode |
| Symbologies | all standard 1D, PDF417 and 2D symbologies |
| Data Formatting | Prefix, Suffix, Code ID, Reformatting Date |

## Electrical

| | |
|---|---|
| Operation Voltage | 4.0 ~ 5.5 V DC |
| Current Consumption | Operation mode: 2W; 400 mA @ 5V - typical |
| | Standby mode: 0.45w, 90mA@ 5V - typical |

## Mechanical

| | |
|---|---|
| Dimension | L170mm x W66mm x H85mm |
| Weight | 120g (without cable) |
| Switch life | 1 million times |

## Environmental

| | |
|---|---|
| ESD Protection | Functional after 4K Contact and 8K Air |
| Mechanical Shock | 1.0m onto concrete (scanner only) |
| IP rate | IP40 |
| Operating Temperature | 0°C to 40°C |
| Storage Temperature | -40°C to 60°C |
| Relative Humidity | 5%-95% non-condensing |

## Communication

USB, RS232

## Regulation Approvals

CE, FCC, BSMI, VCCI

## Accessories

Hand-free stand ( optional )
Interface cable

unitech Green Product


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

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