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

unitech
because we care

unitech
because we care

MS832
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

Unitech America
Los Angeles
http://us.ute.com   e-mail: info@us.ute.com
http://can.ute.com   info@can.ute.com
Mexico
http://latin.ute.com   e-mail: info@latin.ute.com

Unitech Asia Pacific & Middle East
Taipei
http://apac.ute.com   info@apac.ute.com / info@india.ute.com
http://mideast.ute.com   info@mideast.ute.com

Unitech Europe
Tilburg / Netherlands
http://eu.ute.com   e-mail: info@eu.ute.com

Unitech Japan
Tokyo
http://jp.ute.com   e-mail: info@jp.ute.com

Unitech Greater China
Beijing, Shanghai, Guang Zhou, Xiamen
http://cn.ute.com   info@cn.ute.com
Taipei   http://tw.ute.com   info@tw.ute.com

www.ute.com

10/14 Rev.A