Bitter
 Status
 Gate

 8:09am
 On Timo
 B27

 10:14am
 On Timo
 B23

 7:28am
 On Timo
 B26

 9:42am
 On Timo
 B21

 6:53am
 Departed
 B20

 11:06am
 On Timo
 B28

 1:32pm
 On Timo
 B29

 9:21am
 On Timo
 B22

 6:48am
 Departed
 B24

7:21A

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# MS842 2D Imager Scanner

Efficiency, durability and a compact design combined in one scanner, the MS842. Supporting all common 1D and 2D barcodes, this scanner can be used in a broad variety of markets and applications. Start scanning, don't stop!

# Efficiency at highest level

Due to the high speed decoder and high performance engine this MS842 2D scanner is one of the most efficient scanning solution in its class. It can easily be used in high demanding scanning applications like ticket management or security during events, industrial shipment management and inventory management in pharmacies. Users can depend on this efficient scanner without hesitation, wherever it is being used. The large decode distance, wide scan angles and buzzer ensures a high efficiency level.

### Durability & low cost of ownership

The MS842 scanner features an IP42 environmental sealing against moisture and dust and a high 1.8M drop specification. Accidents happen in every business surrounding. If one of your employees drops the MS842 (on concrete), he/she can pick it up and continue scanning without any problem. No downtime, no replacement, no service needed. The long life trigger design of 10 million times guarantees a continuous productivity for a long period of time.

### Practical and compact

Many tasks in retail and transportation surroundings include a lot of scanning activities. By weighing only 200 grams the MS842 is very user friendly, also over a longer period of time. The ergonomic and compact design will ease the scanning tasks additionally. Due to two operational modes: trigger mode and presentation mode, this scanner can be used in the most practical way depending on the scanning task.

# Features

- High performance engine & decoder
- Supports all 1D and 2D barcodes
- Long life trigger design
- Durable rugged scanner: IP42 and 1.8 drop spec.
- Lightweight: only 200 grams
- High reading distance







# Optical & Performance

Receiving Device Light Source

Max. Resolution

Reading Distance

Skew Angle

Pitch Angle

 Image Sensor, 752 x 480 pixels

 Illumination :
 625 nm LED

 Aiming :
 655 nm VLD

 SR: 5 mil (code 39), 6.7 mil (PDF417)

 HD: 3 mil (code 39), 4 mil (PDF417)

 ±60 degrees

(DOF PCS=80%)		
SR	near	far
Code 39, 5mil	5.3cm	19.1cm
PDF417, 6.7mil	8.6cm	18.0cm
HD	near	far
Code 39, 3mil	4.1cm	9.7cm
PDF417, 4mil	4.6cm	8.9cm

\* =dependent on width of bar code

### Functionality

Symbologies

1D: Code 39, Full ASCII Code39, Interleave 2 of 5, Standard 2 of 5, UPC A/E, Delta Code, Label Code, MSI/ Plessy, Codabar, Code 11, EAN8/13, Code 93, Code 128, EAN128, Code32,Toshiba Code, GS1 databar Code.

2D: PDF417, MicroPDF417, Datamatrix, QR Code, Micro QR Code, Aztec, RSS , Composite, TLC -39, MaxiCode. Postal: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)

Operation Mode Data Formatting Trigger Mode, Presentation Mode Prefix, Suffix, Code ID, Reformatting Date



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Los Angeles, Houston / USA 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 / Taiwan http://apac.ute.com info@apac.ute.com / info@india.ute.com http://mideast.ute.com info@mideast.ute.com

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

# MS842 2D Imager Scanner

### Electrical

Operation Voltage Current Consumption DC 3V to 5V Operation mode: <400mA , Standby mode: <160mA

# Mechanical

Dimension Weigh Switch life 176 x 74 x 89 mm 170g (without cable) 10 million time

# Environmental

ESD Protection Mechanical Shock IP rate Operating Temperature Storage Temperature Relative Humidity Functional after 8K Contact and 12K Air 1.8m onto concrete (scanner only) IP42 0°C to 50°C -30°C to 70°C 95% non-condensing

### Communication

USB, RS232

### Regulation Approvals

CE, FCC, BSMI, VCCI

## Accessories

Hand-free stand Interface cable

### Unitech Europe & Africa Tilburg / Netherlands

http://eu.ute.com e-mail: info@eu.ute.com

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

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

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