

# unitech

# MS335

## Easy-to-Use

## Handheld

## CCD

## Scanner



The MS335 delivers the ultimate combination of performance and reliability for linear barcode scanning applications such as retail point of sale, healthcare, office automation, post offices and light industry.

### **Premium Performance**

With an extra long range CCD scan engine, the MS335 offers an increased depth of field, an aggressive read rate of 230 scans a second and a scan width of up to 18mm. With no moving parts, its CCD engine provides excellent reliability, even when knocked or dropped.

### **Never Miss a Scan**

With adjustable audible good read beepers and a visible good read LED, your users can always be assured that they've captured each and every barcode.

### **Easy to Set Up & Change**

With the option to configure the MS335 using Windows based software or by scanning barcodes, setting up the MS335 couldn't be easier. If the cable needs replacing this can be done quickly and easily by the user, minimising downtime and reducing the total cost of ownership.

### **Rugged & Reliable**

Accidents happen and should the MS335 get knocked off a desk onto the floor then you can be assured that it will still work. Drop tested to 1.5m, the MS335 has been designed to give you maximum reliability.

### **Flexible Usage**

The MS335's ergonomic design works with the user to provide comfortable use in scan intensive applications. If presentation scanning is required, a hands free stand supports the scanner for desk based applications.

A range of connectivity options are supported including USB, RS232 and keyboard wedge.

### **Features**

- Long range CCD scan engine
- Reads all common linear barcodes
- Aggressive scan rate
- Audible and visible good read indicators
- Rugged design able to withstand 1.5m drops to concrete
- User changeable cable
- Optional stand for hands free scanning
- Quick and easy set up using Windows based software or barcodes

### Optical / Performance

Receiving Device	2048 Pixels CCD
Light Source	4 LED Used HP LED Chips 660 nm Visible LED
Sensor	CCD
Scan Rate	230 scans/sec
Ambient Light Immunity	5000 Lux/Max (Fluorescent Light)
Print Contrast	60%
Scan Width	140mm (PCS=90%, 1mm Code)

### Depth of field

#### Resolution

Code39	4 mil 80~90mm; 5mil 70~120mm
EAN	15.6mil 30~360mm

### Decoder

Operation Mode	Trigger, Flash and Continuous Mode
Symbolologies	UPC-A/UPC-E, EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 2 of 5, Code 11, Code 93, Code 32, Code 128, Standard Code 39, Full ASCII Code 39, Interleaved 2 of 5, China Postal Code, MSI Plessy Code, UK Plessy Code, Toshiba code, MSI

### Electrical

Peak current consumption	1000mA
Idle current consumption	180mA
Power Requirement	Power Input 5VDC

### Communication and I/O

Interface	Keyboard wedge, RS232, USB
-----------	----------------------------------

### Machanico

Mechanical Shock	1.6m onto concrete
Weight	155g ±5g (not include cable)

### Environmental

Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	20% RH ~ 85% RH (Non Condensing)

### Regulatory Approvals

CE, FCC, BSMI, VCCI

### Accessories

Hands-free stand  
Interface cables



#### Unitech America

Los Angeles, Houston, Guadalajara  
<http://www.ute.com> e-mail: [inquiry@ute.com](mailto:inquiry@ute.com)  
<http://latin.unitech-adc.com> e-mail: [info@latin.ute.com](mailto:info@latin.ute.com)

#### Unitech Asia Pacific

Taipei  
<http://www.unitech-adc.com> e-mail: [aidcsales@tw.ute.com](mailto:aidcsales@tw.ute.com)

#### Unitech Japan

Tokyo  
<http://www.unitech-japan.co.jp> e-mail: [sales@jp.ute.com](mailto:sales@jp.ute.com)

#### Unitech Europe

Tilburg / Netherlands  
<http://www.unitech-europe.com> e-mail: [sales@eu.ute.com](mailto:sales@eu.ute.com)

#### Unitech Greater China

Beijng, Shanghai, Guang Zhou, Xiamen  
<http://www.ute.com.cn> <http://www.ute.cn> [unitech@cn.ute.com](mailto:unitech@cn.ute.com)  
 Taipei <http://adc-utt.unitech.com.tw> [barcode@tw.ute.com](http://barcode@tw.ute.com)

#### Head Office

Taipei  
<http://www.unitech-adc.com> e-mail: [marketing@tw.ute.com](mailto:marketing@tw.ute.com)