

# unitech

# MS830

## Rugged

### Handheld

# Laser

## Scanner



The MS830 rugged handheld laser scanner from Unitech delivers performance features to ensure maximum productivity.

From the production line to the back office, the MS830 is an idea choice for usage in various applications such as warehouse item checking, and many others.

#### **Reliable Performance**

The reliable reading and decoding performance of the MS830 makes data collection easy. An adjustable crisp audio beeper and clearly visible good read LED ensures positive feedback to the user.

Configuring the MS830 is fast & easy, thereby reducing start up time and expense.

To further reduce expense, the MS830 features an interchangeable interface cable design, allowing users to change interfaces by simply replacing the cable.

#### **Rugged Design**

To minimize down time, the rugged MS830 is designed to meet 1.5 meter drop test. ESD protection guarantees resistance to 8KV Contact and 12K Air electrostatic discharge.

#### **User Friendly**

Rugged construction yet light weight and ergonomic design makes the MS830 an exceptionally user-friendly scanner. The gun design increases user comfort for normal scanning situations. An optional stylish hands free stand is available for the MS830 for automatic scanning applications.

#### **Features**

- Laser bar code scan engine
- Fast reading and decoding of all major linear bar codes
- Clear adjustable audible beepers and visible good read LED ensure positive feedback to user
- Interchangeable cable design
- Robust design withstands 1.5m drop onto concrete
- Adjustable hands-free stand for easy reading
- Easy programming using Windows based software or bar codes

### Optical & Performance

Receiving Device	SE1200WA
Light Source	Visible Laser Diode 650nm
Scan rate	35 (±5) scans /sec (bi-directional)
Max. Resolution	0.1mm (4mil)
Reading distance	Up to 63.5 cm (25")
Reading width	Up to 53cm on 55mil resolution
Printing Contrast Scale	Minimum 20%
Scan angle	53° ± 2°

### Functionality

Symbologies	UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 full ASCII, Code 93, Code 32, Interleaved & Std. 2 of 5, EAN 128, Code 11, Delta, MSI/Plessey, Code 128, Toshiba, EAN 128.
Operation modes	Trigger, flash and continuous modes
Data Formatting	Prefix, Suffix, Code ID, Reformatting Data
Function keys	PC, Macintosh and IBM terminal keyboard

### Electrical

Operating Voltage	DC 3V to 5V
Current Consumption	Operation: 86mA Sleep Mode: 7.5mA

### Communication and I/O

Interfaces Supported:	Keyboard wedge RS232 USB Wand emulation
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### Mechanical

Dimensions:	100 mm (L) x 70 mm (W) x 180 mm (H)
Weight:	168 g

### Environmental

Operating Temperature	0° to 50° C
Storage Temperature	-20° to 60° C
Humidity	20 to 85% RH non-condensing
ESD Protection	Functional after 8KV Contact and 12KV Air
Drop Test:	1.5m onto concrete

### Regulatory Approvals

CE, FCC, BSMI

### Accessories

Hands-free stand  
Interface cables



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