

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 ideal choice for various applications such as warehouse item checking, retail, and many others.

#### **Reliable Performance**

Featuring a built-in a laser bar code scan engine the MS830 provides fast & accurate scanning performance.

Clear and adjustable audio beepers and visible good read LED ensure positive feedback to the user.

Configuring the MS860 is fast & easy, thereby reducing start up time and expense. To further reduce cost, the MS830 has an interchangeable cable design, which allow users to change interfaces by simply replacing a cable.

#### **Rugged & Reliable Design**

Designed to minimize down time, the rugged MS830 withstands multiple 1.5 meter drops to concrete. The ESD protection guarantees the MS830 can withstand 8KV Contact and 12KV Air electro-static discharge.

#### **User Friendly**

The rugged yet lightweight ergonomic design makes the MS830 a user-friendly scanner. The gun form factor helps users to comfortably operate the MS830 during hand-held bar code reading. An optional hands-free stand provides easy scanning in desktop 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 ensures positive feedback to user
- Interchangeable cable design
- Rugged design withstands 1.5m drops to concrete
- Adjustable hands-free stand for easy reading
- Optional stand for hands free scanning
- Quick and easy set up via Windows-based software or bar codes

## Specifications

### 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
Reading Width	Up to 53cm on 55mil resolution
Print Contrast	Minimum 20%
Scan Angle	53°±2°

### Decoder

Operation Mode	Trigger, Flash and Continuous Mode
Data Formatting	Prefix, Suffix, Code ID, Reformatting Data
Function Keys	PC, Macintosh and IBM Terminal Keyboard
Symbologies	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, Interleaved 2 of 5, Standard Code 39, Full ASCII Code 39, Toshiba code, MSI, MSI Plessey Code

### Electrical

Operating Voltage	DC3V to 5V
Current Consumption	Operation: 86mA Sleep Mode: 7.5mA

### Communication and I/O

Interface	Keyboard Wedge RS232 USB Wand Emulation
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### Mechanical

Mechanical Shock	1.5m onto concrete
Weight	168g
Dimensions	100mm(L)x70mm(W)x180mm(H)

### Environmental

Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	20% RH ~ 85% RH (Non Condensing)
ESD Protection	Functional after 8KV Contact and 12V Air

### Regulatory Approvals

CE, FCC, BSMI

### Accessories

Hands Free Stand  
Interface Cables

### Local Supplier:

Anchor Data Systems (NI) Ltd

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