



MS830

Robust Gun Type Laser Scanner



High performance which ensures competitiveness

Unitech understands today's need of users to use a laser scanner in retail and office document tracking applications. The MS830 is a brand new laser scanner designed by Unitech to answer this need.

Its speed, low power consumption, and depth of field make the MS830 series suitable for a wide range of applications. Furthermore, the powerful decoder allows data to be edited and formatted before it is sent to the host. This feature can be considered as a protection on your investment as it saves time and money by making software changes unnecessary.

The MS830 features a large trigger to relax user's hand over long usage hours, rubber protection to the nose, its head and on the bottom of its grip to give extra protection to the scanner to withstand a drop from as high as 1.5m to concrete floor. The carefully designed buzzer gives a clear and loud sound to the user even when a noisy background is behind the scanner. The optional hands free stand, offers the choice to use the scanner as a trigger-less scanner or as normal trigger scanner to maximize the productivity.

Like all other Unitech scanners, the MS830 features an interchangeable cable design, which supports USB, keyboard wedge, RS232, Wand emulation and many others. Its interchangeable cable design can minimize the downtime of the device, though it is unlikely from happening.

Warranty

The MS830 comes with 3 YEAR limited factory warranty along with its very low cost of ownership. The MS830 is the scanner with the highest performance and competitive price in the today's market.

Main Features

- Fast and Accurate reading
- High Performance yet Competitive price
- Loud and adjustable beeper for clear users feedback in all environments
- Robust design withstanding 1.5m to concrete floor
- Optional hands free stand for automatic scanning
- Interchangeable cable design
- Easy programming using Windows based software
- 3 year limited warranty

► Performance/Optics

| | |
|------------------|-------------------------------------|
| Optical System | Symbol SE 1200WA |
| Light Source | Visible Laser Diode 650nm |
| Scan rate | 35 (±5) scans /sec (bi-directional) |
| Maximum res. | 0.1mm (4 mil) |
| Reading distance | Up to 76 cm (50mm) |
| Reading width | Up to 53cm on 55 mil resolution |
| Skew Angle | ±55 degrees |
| Pitch Angle | ±65 degrees |
| PCS | Minimum 20% |

► Functionality

| | |
|-----------------|--|
| Reading mode: | Trigger, Flash, Continuous mode |
| Data Formatting | Prefix, Suffix, Code ID, Reformatting Data |

Symbologies:

| | | |
|--------------------|-----------------|----------------------------------|
| CODE 39 full ASCII | CODABAR | Label Code |
| CODE 39 Standard | CODE 128 | Plessey Code |
| EAN-13 | CODE 93 | CODE 11 |
| UPC-A | Standard 2 of 5 | China Postal Code (Toshiba Code) |
| EAN-8 | MSI Code | CODE 32 (Italian Pharmacy) |
| UPC-E | EAN-128 | Interleaved 2 of 5 |

► Electrical

| | |
|---------------------|--------------------------------------|
| Operating Voltage | DC 3V to 5V |
| Current consumption | Operation: 86mA Sleep Mode: 7.5mA |

► Connectivity

Keyboard wedge, RS232, USB and Wand emulation

► Accessories

Hands free stand for automatic scanning

► Mechanical

| | |
|----------------|-------------------------------------|
| Weight | 168g |
| Dimension | 100 mm (L) x 70 mm (W) x 180 mm (H) |
| Connector Type | RJ 45 phone jack |

► Environmental

| | |
|------------------------|---|
| Operating Temperature: | 0 °C to 50 °C |
| Storage Temperature: | -20 °C to 60 °C |
| Humidity: | 5% to 95% non-condensing |
| ESD Protection: | Functional after 8K Contact and 12K Air |
| Mechanical Shock: | 1.5m onto concrete |

► Regulatory Approvals

CE, FCC, BSMI

