MS830

unitech

EMPOWERING SOLUTIONS

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 careful 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

MS830-04V1