unitech

EMPOWERING SOLUTIONS

MS833
Robust
Gun Type Laser
Scanner

5 year warranty

Competitive and High Performance

Unitech understands today's need to use a laser scanner in retail and office document tracking applications. The MS833 follows the MS830 laser scanner and is designed by Unitech to answer this need.

Its speed, low power consumption, and depth of field make the MS833 series suitable for a wide range of applications. Furthermore, the powerful decoder allows data to be edited and formatted before it is send 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 MS833 features a large trigger to relax user's hand over a long period of Usage. It also features 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 there is background noise. The 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 MS833 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.

Unitech offers the MS833 as an all in one package which includes:
- MS833 decoded version
- Hands free stand
- Interface cable
- Unitech Scanner Configuration Manager
- 5 Years warranty, one-to-one replacement

Warranty

The MS833 comes with a 5 YEAR factory warranty. The MS833 is the scanner with the highest performance and competitive price in today's market.

Main Features

- Laser Scanner
- Ergonomic and light design
- Fast and accurate reading of all major ID Barcodes
- Hands free stand
- Robust design withstanding 1.5m to concrete floor
- Easy programming using scanner configuration manager (windows 98/2000/XP)
- Multiple reading modes (Trigger, Flash, Continuous mode)
- 5 years warranty

MS833

Specifications

Performance/Optics

Optical System	RE280 laser engine
Light Source	Visible Laser Diode 670nm ± 10nm
Scan rate	40 scans/sec (bi-directional)
Maximum res.	0.1mm (4mil)
Reading distance	Up to 76cm (50mm)
Reading width	Up to 53 cm on 55 mil resolution
Skew Angle	± 30 degrees
Pitch Angle	± 60 degrees
Printing contrast scale	0.6 ~0.9 PCS
Scanning width	140mm (PCS=90%, 40 mil code)

Functionality

Reading Mode	Trigger, Flash, Continuous mode
Data Formatting	Prefix, Suffix, Code ID, Reformatting Data

Symbologies:

CODE 39 full ASCII, UPC-A, Code 128, EAN 128, Code 11, CODE 39 Standard, UPC-E, Code 93, Code 32 (Italian Pharmacy), China Post Code, EAN-13, Interleaved 2 of 5, Standard 2 of 5, Label Code, EAN-8, Codabar, MSI Code, Plessy Code

Electrical

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

Connectivity

Keyboard Wedge, RS232, USB and Wand Emulation

Mechanical

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

Environmental

Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Humidity	20% to 85% non-condensing
ESD Protection	Functional after 8K Contact and 12K air
Mechanical Shock	1.5m on to concrete

Regulatory Approvals

CE, FCC, BSMI

All-in-one packages

MS833-SK1	MS833 K/W cable + hands free stand
MS833-SR3	MS833 RS232CB + hands free stand, EU PSU
MS833-SR4	MS833 RS232CB + hands free stand, UK PSU
MS833-SU1	MS833 USB cable + hands free stand

Accessories

Hands Free stand for automatic scanning

MS833-06V2