unitech

MS900

Hands-free
Omnidirectional Laser Scanner

Accurate and Efficient

The Unitech MS900 hands free omnidirectional laser scanner delivers accurate, high performance scanning to increase user's productivity and efficiency. Its powerful 1D laser scanner decodes the most popular symbologies including EAN and UPC bar codes. With 20 omnidirectional scan patterns, the MS900 performs efficiently and accurately with 5 scan angles at 1,200 scans per second.

Easy to Use Operation

The MS900 features a large LED indicator and audible beeper to provide clear reading information. The scan triggers are located on both the bottom and the top of the scanner, allowing users to switch between trigger scanning and single line scanning when necessary. Easily configured, the MS900 is available with multiple interfaces including keyboard wedge, RS232 and USB.

Functional and Stylish

The Unitech MS900 is not only a high-performance scanning device, but also features a stylish and sleek design. Available in white and black, the MS900 is as visually impressive as it is functional. This hands-free laser scanner is equipped with a suction cup and easily adjustable scan angle, making it ideal for a variety of data collection applications.

Features

- Hands-free design for scan intensive applications
- 20-line omnidirectional laser scanner
- Tiltable stand with hinge shaft design
- Suction cup for field installation
- LED indicator / audible beeper
- 3.3-foot drop threshold

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Specifications

► Operational

Light Source	650 nm visible laser diode (VLD)
Scan Pattern	5 directions of scan field
Scan Rate	1,200 scans per second (omnidirectional)
Number of Scan Lines	20
Minimum Bar Width	5 mil @ PCS=90%
Print Contrast	30% @ UPC/EAN 100%
Indicators (LED)	Two-color LED (green & red)
Beeper Operation	Programmable tone & volume

► Depth of Field

0 ~ 216 mm (UPC/EAN 100%, PCS=90%)

► Symbologies

Code 39, ITF 2 of 5, Chinese Post Code, UPC/EAN/JAN, Codabar, MSI/PLESSY, Code 128, Code 93, EAN-128, Italian Pharmacy, Reading codes selection, ISSN/ ISBN, Databar (GS1) code

► Communication

Interface Supported	Keyboard Wedge, RS-232, HID USB

► Physical

Dimensions	(H)118.0 × (D)100.0 × (W)165.1 mm
Weight	360g (without cable)
Cable	Standard 2.0M straight

► Power Management

Input Voltage	5 VDC ±10%
Power Consumption	1.35 watts
Operating Current	270 mA ~ 350mA

► Environmental

Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Humidity	5% – 90% RH (non-condensing)
Light Levels	Up to 4,000 Lux (fluorescence)
Drop Durability	1.0-Meter Drop Threshold

► Regulatory

Laser class	CDRH Class IIa; IEC 60825 Class 1
EMC	CE & FCC, BSMI

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