MS100
Pen Scanners

unitech

EMPOWERING SOLUTIONS

Optical

Light Source	650 ~ 660nm Red LED
Resolution	5 mils (0.127mm)
Depth of Field	0.04" (1.0mm)
Scan Rate	4 ~ 24 inches/sec (10 ~ 60 cm/sec)
Reading Angle	45 to 90°
Print Contrast Ratio	0.6 minimum
Ambient light	5000 lux/maxx

Interface

Connector	Keyboard wedge, PS/2, RS232, USB, TTL(undecoded)
Set-up	via PC program
Reading Star Method	Without trigger switch
Bar Code Signal	TTL compatible

The Unitech MS100

bar code wand is targeted toward low reading volume and cost effective solutions. The advanced optics and electronic design convert bar code labels into a high quality digital signal. Able to read color, faded, and low contrast bar code labels quickly and accurately, the MS100 is a proven solution.

Decoder

Symbologies	UPC-E, UPC-A, EAN-8, EAN-13, JAN, Code 39, UCC/EAN128 ISBN, ISSN, Code 93, Code 128, Interleaved 2 of 5, MSI, Industrial 2 of 5, Matrix 2 of 5, IATA 2 of 5, China Postal Code, Code 32, Codabar, ABC Codabar, CX Codabar, Code 11, UK Plessey, Telepen
Data Editing	Symbologies formatting, preamble, postamble, and code ID
Key Emulation	Full ASCII Code and IBM PC function keys

Ergonomic

Its shape gives the MS100 the comfort and handling of a conventional ink pen. Just sweep the tip of the wand across the bar code in either direction and listen for the "good read" beep that lets you know the data has been successfully captured. It doesn't get easier than that!

Mechanical

Dimensions	Length: 5.5 Inches (140mm)
	Diameter: 1.2 x .9 Inches (30 x 23mm)
Weight	76g
Case Material	ABS plastic

Features

- Rugged, lightweight design
- Easy to use and configure
- Low power consumption
- Wide read angle
- High scan speed
- Available in Keyboard wedge, PS/2, RS232, USB, TTL(undecoded) interface
- 1 year warranty

Electrical

Supply Voltage	5V DC ±10%
Surge Power	<800mA
Working Current	60mA ±10mA

Environmental

Operating Temperature	32 to 122°F (0 to 50°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Humidity	0% to 95% RH non-condensing
Mechanical shock	5ft (1.5m) drop to concrete

MS100-05V2