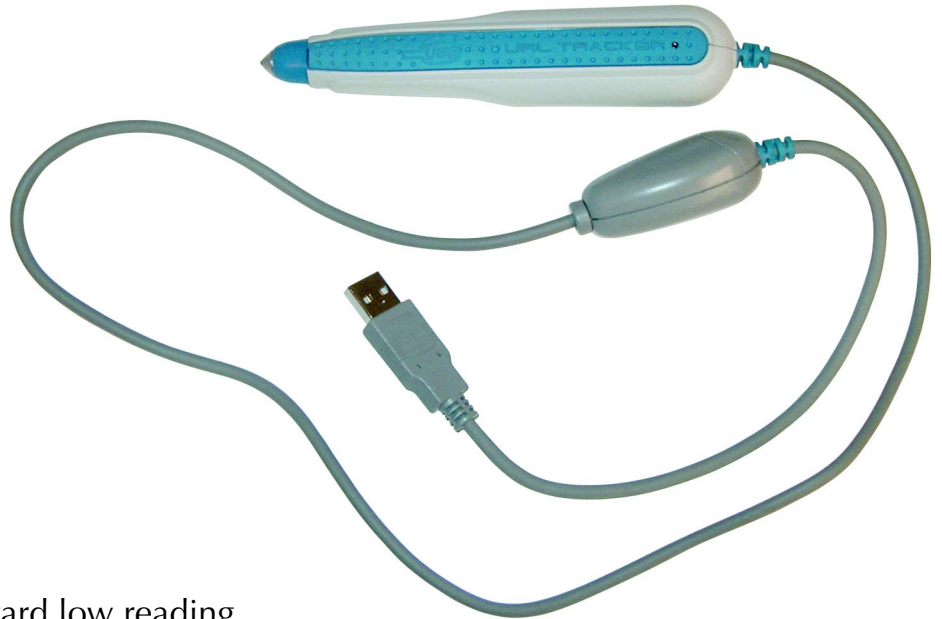# MS100U Wand Scanner

The Unitech MS100U

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 MS100U is a proven solution.

USB:

The MS100U is available with a USB interface with its own built-in decoder.

Ergonomic:

Its shape gives the MS100U 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!

Features

- Rugged, lightweight design
- Easy to use and configure
- Low power consumption
- Wide read angle
- High scan speed
- USB interface
- 1 year warranty

unitech
Data Collection Within Reach

MS100U Specifications

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

Interface

Connector:	USB
Reading Star Method:	Without trigger switch
Bar Code Signal:	TTL compatible

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
Interface:	Keyboard wedge

Mechanical

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

Electrical

Supply Voltage:	5V DC ±10%
Surge Power:	<500mA
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

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