

MS100 Pen Scanners



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.

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!

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
- 2 year warranty

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 |

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 |

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 | <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 |

MODELS:

| | |
|------------|--------------------------------|
| MS100-2 | Pen Scanner RS232 D9p female |
| MS100-3 | Pen Scanner K/B wedge DIN5M |
| MS100-3PS2 | Pen Scanner K/B wedge miniDin6 |
| MS100-4 | Pen Scanner USB interface |



MS100-06V3

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