

unitech

MS120 Pen Scanners



The MS120 series are good-quality

Hand-held barcode scanners.
Their advanced optics and electronics design.

Which converts a barcode image into a high quality digital signal, allows them to read color, faded and low contrast barcode labels quickly and accurately.

The polished and smooth sapphire tip reduces wear on barcode labels. Moreover, their rugged, yet lightweight stainless steel construction with strain relief, makes them well suited for heavy duty industrial applications.

MS120-2/3 is decoded to support the PC/AT keyboard wedge and RS232. It accepts most commonly used barcode symbologies, scanned data formatting and function keys emulation.

They are the ideal choice for your low cost barcode solutions.
The entire series is FCC and CE approved.

Features

- Rugged, lightweight, and easy to use
- Low power consumption, 37mA average
 - Wide read angle, 0° ~ 45° tilt
 - High scan speed, 5 ~ 75 cm/second
 - Replaceable tip

Optical

| | |
|----------------------|--|
| Light Source | 660 nm Red LED |
| Resolution | 0.12 mm (5 mils) |
| Depth of field | 0.1 mm (0.04 inch) |
| Scan Rate | 5 ~ 75 cm/sec |
| Reading Angle | 0° ~ 45° |
| Print Contrast Ratio | 0.5 min. |
| Min Narrow Bar | 0.12 mm when PCS=0.9 0.18 mm when PCS=0.5 |

Interface

| | |
|---------------------|--|
| Connector | Dsub-9S/DIN5P 60° / None |
| Reading Star Method | Without trigger switch |
| Bar Code Signal | TTL compatible; Polarity: Black bar=high White space=low |

| | |
|---------------------|---------------|
| Rise time 10 to 90% | 4 μs (R=1K Ω) |
| Fall Time 90 to 10% | 1 μs (R=1K Ω) |

Environmental

| | |
|-----------------------|-------------------------------|
| Operating Temperature | 0°C to 55°C (32°F to 131°F) |
| Storage Temperature | -20°C to 70°C (-4°F to 158°F) |
| Humidity | 20% to 85% RH non-condensing |
| Regulatory | CE, FCC |



Unitech America

Los Angeles, Houston
<http://us.ute.com> e-mail: info@us.ute.com
<http://can.ute.com> info@can.ute.com
Mexico
<http://latin.ute.com> e-mail: info@latin.ute.com

Unitech Asia Pacific & Middle East

Taipei
<http://apac.ute.com> info@apac.ute.com / info@india.ute.com
<http://mideast.ute.com> info@mideast.ute.com

Unitech Japan

Tokyo
<http://jp.ute.com> e-mail: info@jp.ute.com

Unitech Europe

Tilburg / Netherlands
<http://eu.ute.com> e-mail: info@eu.ute.com

Unitech Greater China

Beijing, Shanghai, Guang Zhou, Xiamen
<http://cn.ute.com> info@cn.ute.com
Taipei <http://tw.ute.com> info@tw.ute.com

Head Office

Taipei
<http://www.ute.com> e-mail: info@hq.ute.com