



Max Hill  
東詳科技

# MS-300 Laser Scanner



MS-300  
Laser Scanner

## Specifications

### Optical

- Light Source:

Laser diode 650nm

### Mechanical

- Housing Material:

ABS

- Impact Tolerance:

1.5 M (Include outer covering with sponge)

- Cable Type :

USB Cable

- Dimension:

L185xW60xH70mm

- Weight:

162g+5%

### Electrical

- Power Supply:

5 VDC+5%

- Surge Power on Current:

Typ.: 800 mA

Max: 1000 mA

- Standby Current:

Typ.:50 mA Max.: 65mA

- Working Current:

Typ.: 135 mA Max.: 175 mA interface

### System and Software Function

- Symbolologies:

EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 2 of 5, Code 11, Code 93, Code 32, Code 128, Standard Code 39, Full ASCII Code 39, Interleave 2 of 5, China Postal Code, MSI Plessey Code, UK Plessey Code, EAN/UCC 128, Telepen Code, IATA Code, RSS Code, UPC-A/UPC-E/Chinese Postage Code, IATA, MSI/PLESSY, Italian Pharmacy Code, Telepen.

- Ambient Light (Artificial Light): Up to 4842 Lux

- Beep sound volume:

Min.: 70dB

(From Sound output at 100 mm)

### Performance

- Scan Rate:

100~110 Scans/Sec

- Resolution:

5 mil (PCS=90%)

- Print Contrast Ratio:

60%

- Depth of Field:

Code-39 from Readable on 4 mil:

Code length 8 mm

- Maximum Readable

Barcode Width:

170 mm (PCS=90%, 20 mil Code-39)

- Power Consumption (Working):

Max.: 900 mW

- Other:

Other: Pitch: + 60° Dead Zone: + 10°

- Skew:

+ 40° (Exclude the dead zone)

- Tilt:

+ 20° (Exclude the dead zone)

- From normal 10 mil Code 39 at a distance of 100 mm

### Performance

- Operating Temperature:

0°C~45°C

- Storage Temperature:

-20°C~60°C

- Relative Humidity:

20% RH~ 85% RH (Non Condensing)

- Green Product:

RoHS compliance

