



MS180

Bar Code Scanner



Application

The Unitech MS180 is a reliable and affordable bar code scanner for retail, medical and light industry application.

Reliable yet Affordable

The MS180 Bar Code Scanner is a reliable yet affordable scanner.

The ergonomic design makes the scanning process easier and comfortable.

The MS180 is rugged designed to withstand multiple 5 feet drops to concrete.

Interface

The MS180 flexible, multiple interface design supports keyboard wedge, USB, RS232 and Wand emulation by simply replacing the cable.

The IBM PC XT/AT keyboard wedge interface supports different character sets.

Decoders

The MS180 is equipped with built-in decoder reads and discriminates all major symbologies, it helps you to reduce processing time and labor cost yet increase accuracy.

Features & Benefits

- CCD Scanning for Reliability
- Ergonomic Design for Operator Comfort
- Multiple Interfaces for Compatibility
- Affordable Pricing

Operational

| | |
|--------------------------|--|
| Scan rate: | 33 scans / sec |
| Decode rate: | 200 scans / sec |
| Printing contrast scale: | Minimum 45 % |
| Resolution: | 0.1 mm at contact, PCS = 45 % |
| Depth of field: | PCS=90% 0 ~ 16 mm on 4/5/6/10/13 mils 0 ~ 25 mm on 40 mils |
| Width of field: | 80mm (PCS=90%, 1 mm codes, from 0 to 50 mm distance) |
| Scan angle: | 30 °~ 150 ° |
| Operation modes: | Trigger, Flash, Multi-scan, continuous and One Press one Modes |
| Interfaces: | Keyboard wedge, USB, RS232, Wand emulation and TTL |
| Connectivity | IBM PC XT/AT or comparable, PS/2, Notebook, MAC and other common terminals |
| Symbologies: | Code 39 Standard and Full ASCII, Codabar, UPC/EAN with supplement codes, UCC/EAN128, Interleaved 2 of 5, MSI/Plessey code, Standard 2 of 5, China Postal, Code(Toshiba Code), Label Code IV and V, Delta Distance code, Code93, Code128, Code32(Italian Pharmacy). |

Optical

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|-------------------|----------------------------|
| Receiving Device: | 2160 Element linear imager |
| Light source: | 660 nm visible red LED |

Electrical

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|--------------------|----------------------------------|
| Power supply: | 5 VDC ±5 % |
| Operating current: | 100 ±5 mA @5V (Keyboard Wedge) |
| Standby current: | 21 ±3 mA @ 5V (Keyboard Wedge) |
| Switch Life Time: | Over 1million times micro switch |
| Beep Sound Volume: | ≥ 70dB |

Mechanical

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|-------------------|--|
| Housing material: | 30%PC + 70% ABS, UL94U0 |
| Outline shape: | Steamline Handy Type with Unitech logo |
| Connector type: | RJ-45 phone jack |
| Weight: | 125g (w/o cable) |
| Dimension: | L 190 x W 88 x H 50 mm |

Environmental

| | |
|------------------------|---------------------------------|
| Operating temperature: | 0° C ~ 50° C |
| Storage temperature: | -20° C ~ 60° C |
| Relative humidity: | 20% RH ~ 85% RH |
| ESD protection: | 8KV contact, 12KV Air discharge |
| Mechanical shock: | 1.5 M to concrete (10 times) |
| Safety Approval: | CE, FCC Class A, BSMI |



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