

unitech



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

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Specifications

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

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

Electrical

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

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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