unitech

NETCODE

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

MS180
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/Plessy 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