MS180 EMPOWERING SOLUTIONS 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. 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.

Warranty

Decoders

The MS180 comes with Unitech premium 3 years warranty program of which the first year entitles user to a free one-on-one swapping. In the extended program this one-on-one swapping can be prolonged to 3 years.

Features & Benefits

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



MS180 Specifications

- Performance

renormance		Liectrical	
Scan rate: Decode rate: Printing contrast scale: Resolution: Depth of field:	33 scans / sec 200 scans / sec Minimum 45 % 0.1 mm at contact, PCS = 45 % PCS=90% 0 ~ 16 mm on 4/5/6/10/13 mils 0 ~ 25 mm on 40 mils	Power supply: Operating current: Standby current: Switch Life Time: Beep Sound Volume: Connectivity	5 VDC ±5 % 100 ±5 mA @5V (Keyboard Wedge) 21 ±3 m A @ 5V (Keyboard Wedge) Over 1 million times micro switch > 70dB IBM PC XT/AT or comparable, PS/2, Notebook, MAC and other common terminals
Width of field:	80mm (PCS=90%, 1 mm codes, from 0 to 50 mm distance)	Mechanical	
Scan angle: - Functionality:	30 °~ 150 °	Housing material: Outline shape: Connector type: Weight:	30%PC + 70% ABS, UL94U0 Steamline Handy Type with Unitech logo RJ-45 phone jack 125g (w/o cable)
Operation modes:	Trigger, Flash, Multi-scan, continuous and One Press one Modes	Dimension:	L 190 x W 88 x H 50 mm
Interfaces:	Keyboard wedge, USB, RS232, Wand emulation and TTL	Environmental	
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).	Operating temperature: Storage temperature: Relative humidity: ESD protection: Mechanical shock: Safety Approval: Models	0° C ~ 50° C -20° C ~ 60° C 20% RH ~ 85% RH 8KV contact, 12KV Air discharge 1.5 M to concrete (10 times) CE, FCC Class A, BSMI
		Tioucij	
	2160 Element linear imager 660 nm visible red LED	MS180-1K MS180-1R MS180-1U MS180-1W	MS180 CCD Scanner including Keyboard wedge MS180 CCD Scanner including RS232 cable MS180 CCD Scanner including USB cable MS180 CCD Scanner including wand emulation cable
		Accessories	
		MCOOL	

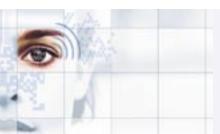
Electrical

MS201

Desktop holder for MS180



MS180-06V5



UNITECH EUROPE is the head office for EMEA Kapitein Hatterasstraat 19 Te

Tel: +31.13.460 9292 Fax: +31.13.460 9293 www.unitech-europe.com e-mail: sales@unitech-europe.nl

Unitech Electronics (Headquarter) Taipei, Taiwan

5015 BB Tilburg, The Netherlands

Specifications subject to change without notice. Copyright Unitech Europe. All rights reserved. Unitech is a registered trademark of Unitech Electronics Co., Ltd. All trademarks are the property of their respective owners

www.unitech-adc.com