MINDEO®

MD6100
Handheld Image Barcode Scanner

1D/2D

FC   CE   RoHS   GS1   USB   RS-232

Features

- Read all major 1D & 2D symbols, as well as those on electronic screens
- Image auto-detection, supports both handheld and presentation scanning modes
- Ergonomic, snappy and stylish design allows for a natural and comfortable grip
- Protects your future investment with 2D capability at an affordable price meeting both current and future barcode scanning needs
- Omnidirectional scanning
- Suitable to operate in diverse working environments
- Ready for all POS systems
- Easy firmware upgrade

MD6100 Specifications

Mechanical Characteristics	
Dimensions	Height × Width × Depth：178 mm × 69 mm × 82 mm
Weight	146 g, without cable
Cable	Straight 2.0 m
Connector Type	RJ-45 phone jack connector
Case Material	PC+TPU
Indicator	Beeper, LED
Interface Supported	RS-232, USB Keyboard, USB virtual COM
Operating Mode	Hand-held, Auto-detection
Programming Method	Manual (reading special barcode)
Firmware Upgrade	Online

Electrical Characteristics	
Input Voltage	5 VDC ± 0.25 V
Power	Standby: 0.40 W, Working: 1.20 W
Current	Standby: 80 mA, Working: 240 mA

Scan Performance		
Image Size	640 × 480 pixels	
Imager Field of View	Horizontal: 40°, Vertical: 30°	
Scanning Angle	±60°, ±40°, 360° (skew, pitch, roll)	
Print Contrast	20% minimum reflective difference	
Decoding Capability	1D: UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, Telepen, GS1 DataBar (formerly RSS) variants 2D: PDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, MicroQR Code	
Minimum Resolution	5 mil, 1 mil = 0.0254 mm	
Decoding Depth	5 mil Code39 (3 chars):	1.5 cm – 5.5 cm
	13 mil UPC (6 chars):	0.5 cm – 13.0 cm
	20 mil Code39 (5 chars):	4.0 cm – 18.0 cm
	6.7 mil PDF417 (20 chars):	1.0 cm – 8.2 cm
	10 mil DM (20 chars):	1.0 cm – 8.0 cm
	20 mil QR (20 chars):	1.5 cm – 16.5 cm

Environmental Characteristics	
Temperature	-10° to 50°C (14° to 122°F), operating; -20° to 60°C (-4° to 140°F), storage
Humidity	5% to 95% (non-condensing)
Safety	EMC: EN55022, EN55024 | Electrical Safety: EN60950-1 | Sealing: IP52 Photobiological Safety: EN62471:2008 | Illumination: 0~100,000 LUX Drop Resistance: Withstands multiple 2.0 m (6.6 ft.) drops to concrete

[Notice]: Specifications are subject to change without notice.

For more information:
www.mindeo.cn

Shenzhen MinDe Electronics Technology Ltd.

Telephone: +86 (0)755 8614 1288
Fax : +86 (0)755 8602 2683

MINDEO®