

**MINDEO®**

# MD6000+

## Handheld Image Scanner

1D/2D



### Features

- High performance in decoding barcodes on electronic screens
- Ergonomic finishing grip offers more comfort
- Plug-and-play interfaces enable the scanner to be used with different host devices
- Image auto-induction technology supports free switch between handheld and auto-detection modes
- Soft white auxiliary lighting and green aimer deliver comfortable and convenient scanning experience

# MD6000+ Specifications

## Mechanical Characteristics

Dimensions	Height × Width × Depth : 76.6 mm × 67.3 mm × 168.5 mm
Weight	116 g, without cable
Cable	Straight 2.0 m
Connector Type	RJ-45 phone jack connector
Indicator	Beeper, LED
Interface Supported	RS-232, USB Keyboard, USB virtual COM
Operating Mode	Hand-held, Auto-detection
Programming Method	Manual (reading special barcode)

## Electrical Characteristics

Input Voltage	3.8 – 5.5 VDC
Current	85 mA (standby) @ 5 VDC, 265 mA (working) @ 5 VDC

## 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	1D: 4 mil (Code 128), 2D: 6.7 mil (PDF417)
Decoding Depth	4 mil Code128 (9 chars): 40 mm – 70 mm 10 mil Code39 (3 chars): 20 mm – 185 mm 13 mil UPC (6 chars): 15 mm – 190 mm 20 mil Code39 (1 char): 45 mm – 320 mm 6.7 mil PDF417 (20 chars): 28 mm – 90 mm 10 mil QR (20 chars): 18 mm – 115 mm 10 mil DM (20 chars): 18 mm – 115 mm 20 mil QR (20 chars): 20 mm – 245 mm

## 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: IP50 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](http://www.mindeo.cn)

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