

# MINDEO



1D

2D

FC

CE

RoHS



## MD6500

### Durable Handheld Image Scanner

#### Features

- 1 Omnidirectional scanning, can quickly read 1D/2D barcodes
- 2 Support mobile phone screen barcode, reverse color barcode, DPM barcode reading
- 3 Excellent capability of scanning extremely density barcodes
- 4 Work perfectly in complicated environments with IP65 ingress protection
- 5 Plug-and-play interfaces enable the scanner to be used with different host devices



## PHYSICAL CHARACTERISTICS

|                        |                                       |
|------------------------|---------------------------------------|
| Dimensions (L × W × H) | 91 mm × 69 mm × 188 mm                |
| Weight                 | 243 g (without cable)                 |
| Cable                  | Straight 2.0 m                        |
| Connector Type         | RJ-45 phone jack connector            |
| Case Material          | PC+TPU                                |
| Scan Window Material   | Tempered glass                        |
| Interfaces             | RS-232, USB Keyboard, USB Virtual COM |
| Indicator              | Beeper, LED                           |
| Operating Mode         | Handheld, Auto-Detect                 |
| Programming Method     | Manual (reading special barcode)      |
| Firmware Upgrade       | Online                                |

## ELECTRICAL CHARACTERISTICS

|               |                                   |
|---------------|-----------------------------------|
| Input Voltage | 5.0 ± 0.25 VDC                    |
| Current       | Scanning: 500 mA; Standby: 130 mA |

## PERFORMANCE CHARACTERISTICS

|                     |                                     |
|---------------------|-------------------------------------|
| Image Size          | 1280 × 800 pixels                   |
| Scanning Angles     | ±70°, ±75°, 360°(skew, pitch, roll) |
| Decoding Capability | All common 1D/2D barcodes           |
| Minimum Resolution  | 1D: 3 mil                           |

|                           | SR             | HD             |
|---------------------------|----------------|----------------|
| Decoding Depth            |                |                |
| 3 mil Code39 (3 chars)    | /              | 25 mm – 50 mm  |
| 4 mil Code128 (9 chars)   | 30 mm – 90 mm  | 10 mm – 90 mm  |
| 13 mil UPC (6 chars)      | 0 mm – 280 mm  | 0 mm – 250 mm  |
| 20 mil Code39 (1 char)    | 15 mm – 430 mm | 15 mm – 340 mm |
| 6.7 mil PDF417 (20 chars) | 15 mm – 120 mm | 10 mm – 100 mm |
| 10 mil QR (20 chars)      | 0 mm – 165 mm  | 0 mm – 155 mm  |
| 10 mil DM (20 chars)      | 0 mm – 165 mm  | 0 mm – 160 mm  |
| 20 mil QR (20 chars)      | 0 mm – 340 mm  | 0 mm – 270 mm  |

## ENVIRONMENTAL CHARACTERISTICS

|             |                                                                                                                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature | Operating: -10°C to 50°C; Storage: -40°C to 60°C                                                                                                                                                                     |
| Humidity    | 5% to 95% (non-condensing)                                                                                                                                                                                           |
| Safety      | EMC: EN55032, EN55035   Photobiological Safety: EN62471:2008<br>Electrical Safety: EN62368-1   Illumination: 0~100,000 lux<br>Sealing: IP65   Drop Resistance: Withstands multiple 2.0 m(6.56 ft.) drops to concrete |

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

**MINDEO**

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