

MD6500

Industrial Handheld Image Scanner

1D/2D



Features

- Read all major 1D and 2D barcode symbologies
- Read barcode symbology on phone screen
- Read inverse barcode symbology
- Read DPM barcode symbology
- Lifetime scratch and abrasion resistance as the exit window made by chemically tempered float glass
- Work perfectly in complicated environments with IP65 ingress protection
- Reliable safety design with CE, EMC, RoHS, Class I laser safety, Photobiological safety approval
- Passed 50+ times of 2.0 m (6.6 ft.) drop to concrete
- Ready for all POS systems
- Easy firmware upgrade
- Flexible software customization

MD6500 Specifications

Mechanical Characteristics	
Dimensions	Height × Width × Depth : 9.1 cm × 6.9 cm × 18.8 cm
Weight	243 g, without cable
Cable	Straight 2.0 m
Connector Type	RJ-45 phone jack connector
Case Material	PC+TPU
Indicator	Beeper, LED
Interface Supported	Keyboard wedge, RS-232, USB keyboard, USB virtual COM
Operating Mode	Hand-held
Programming Method	Manual (reading special barcode)
Program Upgrade	Online
Electrical Characteristics	
Input Voltage	5 ± 0.25 VDC
Power	1.60 W (working), 0.40 W (standby)
Current	320 mA (working), 80 mA (standby)
Performance Characteristics	
Image Size	752 × 480 pixels
Scanning Angle	±60°, ±40°, 360° (Skew, Pitch, Roll)
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, 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, GS1 DataBar (formerly RSS) variants
	2D: PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code
Min. element Width	3.5 mil (HD series), 1 mil = 0.0254 mm
Decoding Depth	3.5 mil Code 128 (9 chars): 1.5 cm – 3.5 cm
	5 mil Code 39 (20 chars): 0.8 cm – 5.5 cm
	13 mil UPC (12 chars): 0.7 cm – 16.5 cm
	20 mil Code 39 (5 chars): 3.5 cm – 21.0 cm
	6.7 mil PDF417 (20 chars): 0.0 cm – 7.5 cm
	10 mil DM (20 chars): 0.0 cm – 11.5 cm
	20 mil QR (20 chars): 0.0 cm – 19.5 cm
Environmental Characteristics	
Temperature	0° to 50°C (32° to 122°F), operating; -40° to 60°C (-40° to 140°F), storage
Humidity	5% to 95% (non-condensing)
Safety	Laser Safety: EN60825-1, Class 1. (For aiming pattern.)
	EMC: EN55022, EN55024
	Electrical Safety: EN60950-1
	Photobiological Safety: EN62471:2008
	Drop Resistance: Withstands multiple 2.0 m (6.6 ft.) drops to concrete Protection Class: IP65

