

MINDEO



1D 2D

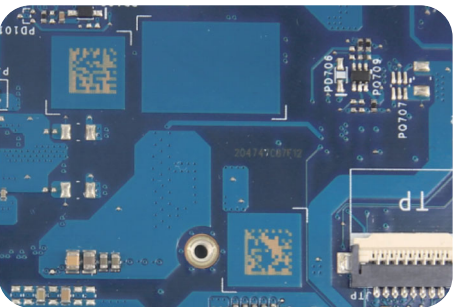


MD7919i

Hand-held Image Scanner With Built-in AI Chip

Features

- 1 Use self-developed AI Engine, fully upgrade scanning performance
- 2 Best in motion tolerance up to 8m/s
- 3 Excellent capability of scanning extremely density barcodes
- 4 Red and white auxiliary lighting easily cope with a variety of complex bar code reading scenes



Physical			
Dimensions (L×W×H)	87 mm × 64.5 mm × 167 mm		
Weight	138 g (without cable)		
Case Material	PC+TPU		
Cable	Straight 2.0 m		
Connector Type	RJ-45 phone jack connector		
Host System Interfaces	RS-232, USB Keyboard, USB virtual COM		
Indicator Interface	Beeper, LED		
Exit Window Material	Tempered glass		
Trigger Mode	Hand-held, Auto-detection		
Programming Method	Scanning special barcodes in sequence		
Firmware Upgrade	Online		
Electrical			
Input Voltage	5.0 ± 0.25 VDC		
Current	Standby: 160 mA; Working: 220 mA (Max: 750 mA)		
Performance			
Image Size	1280 × 1024 pixels		
Light Source	Illumination: White LED(5700K), Red LED; Aiming: 525 nm peak wavelength(green LED)		
Field of View	Horizontal: 40°, vertical: 34°		
Scan Angle	±70°, ±75°, 360° (skew, pitch, roll)		
Print Contrast	20% minimum reflectance difference		
Decode Capabilities	All common 1D/2D barcodes		
Minimum Resolution	1D: 3 mil		
Decoding Depth		SR	HD
	3mil Code39 (3 chars) :	\	10mm - 60mm
	5mil Code128 (12 chars)	25mm - 150mm	10mm – 130mm
	10mil Code39 (3 chars) :	0mm – 390mm	0mm - 330mm
	13mil UPC (6 chars) :	0mm – 400mm	0mm – 300mm
	20mil Code39 (3 chars) :	15mm – 610mm	15mm - 490mm
	10mil QR (20 chars) :	10mm – 210mm	0mm - 160mm
	20mil QR (150 chars) :	10mm – 400mm	10mm - 300mm
Environmental			
Temperature	Operating: -10°C to 50°C (14°F to 122°F); Storage: -20°C to 70°C (-4°F to 158°F)		
Humidity	5% to 95% (non-condensing)		
Safety	EMC: EN55032, EN55035		
	Electrical Safety: EN62368-1		
	Photobiological Safety: EN62471:2008		
	Illumination: 0~100,000 LUX		
	Protection Class: IP52		
	Drop Resistance: Designed to withstand multiple drops at 2.0 m to concrete		

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

