

MINDEO

MD7919i^{AI}

Hand-held Image Scanner



Features

- 1 With built-in AI chip
- 2 Best in motion tolerance up to 6 m/s
- 3 Extraordinary DPM decoding ability
- 4 Bicolor auxiliary lighting, red and white, easily cope with complex barcode reading scenarios

MD7919i Specifications

Physical				
Dimensions (L×W×H)	87 mm × 64.5 mm × 167 mm			
Weight	138 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				
Input Voltage	5.0 ± 0.25 VDC			
Current	Scanning: 220 mA (Max.:750 mA); Standby: 160 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° (SR、 HD)			
	Horizontal: 33°, Vertical: 28° (XD)			
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	XD
	3mil Code39 (3 chars) :	\	10 mm – 60 mm	10 mm – 70 mm
	5mil Code128 (12 chars)	25 mm – 150 mm	10 mm – 130 mm	5 mm – 100 mm
	10mil Code39 (3 chars) :	0 mm – 390 mm	0 mm – 330 mm	0 mm – 140 mm
	13mil UPC (6 chars) :	0 mm – 400 mm	0 mm – 300 mm	0 mm – 180 mm
	20mil Code39 (3 chars) :	15 mm – 610 mm	15 mm – 490 mm	35 mm – 240 mm
	10mil QR (20 chars) :	10 mm – 210 mm	0 mm – 160 mm	0 mm – 110 mm
	20mil QR (150 chars) :	10 mm – 400 mm	10 mm – 300 mm	30 mm – 170 mm
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			
	Sealing: IP52			
	Drop Resistance: Withstands multiple2.0 m (6.56 ft.) drops to concrete			

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

MINDEO

Shenzhen MinDe Electronics Technology Ltd.

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

Web: www.mindeo.cn
Postcode: 508057

Add: 5th Floor, Section 1, 25th Block, No.5, Kezhi Xi Road,
Keji Yuan, Nanshan District, Shenzhen, P.R.China



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