

MD7919i

Hand-held Image Scanner



Features

- With built-in AI chip
- Best in motion tolerance up to 6m/s
- Extraordinary DPM decoding ability
- 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			
Scan Window Material	Tempered glass			
Interfaces	Rs-232, USB keyboard, USB Virtual com,			
Indicator	Beeper, LED			
Operation 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: 750mA) Standby: 1600mA			
Performance				
Image Size	1280 × 1024 pixels			
Light Source	Illumination: White LED (5700 k), red LED Aiming: 525 nm peak wavelength, green LED			
Field of View	Horizontal: 40°, Vertical: 34° (SR, HD) Horizontal: 33°, Vertical: 28° (XD)			
Scan Angles	± 70°, ± 75°, 360° (Skew Pitch, Roll)			
Print Contrast	20% Minimum reflectance difference			
Decode Capability	All Common 1D/2D Barcode			
Minimum Resolution	1D: 3 Mil			
Decoding depth		SR	HD	XD
	3mil Code 39 (3 chars)	\	10 – 60 mm	10 – 70 mm
	5mil Code 128 (12 chars)	25 – 150 mm	10 – 130 mm	5 – 100 mm
	10mil Code39 (3 chars)	0 – 390 mm	0 – 330 mm	0 – 140 mm
	13mil UPC (6 chars)	0 – 400 mm	0 – 300 mm	0 – 180 mm
	20 mil Code39 (3 chars)	15 – 610 mm	15 – 490 mm	35 – 240 mm
	10mil QR (20 chars)	10 – 210 mm	0 – 160 mm	0 – 110 mm
	20mil QR (150 chars)	10 – 400 mm	10 - 300 mm	30 – 170 mm
Environmental				
Temperature	Operating: -10° C to 50°C (-14°F to 122°F); Storage: -20°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: withstand multiple 2.0 m(6.56ft.) drops to concrete			