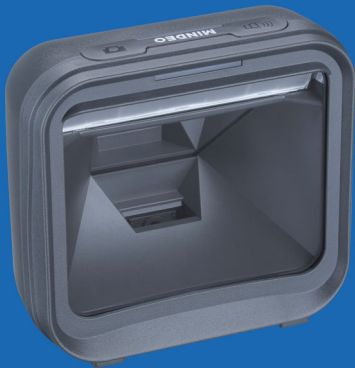


MINDEO

AI



MP8000i Image Platform with Built-in AI Chip

Features

- 1 Use self-developed AI Engine, fully upgrade scanning performance
- 2 Best in motion tolerance up to 8 m/s
- 3 Solid-state electronics for silent operation and superior reliability
- 4 Multiple interfaces enable the image platform to utilize with different devices



PHYSICAL CHARACTERISTICS		
Dimensions(L × W × H)	152mm × 81mm × 144mm (without stand)	
	152mm × 112 mm × 184mm (with stand)	
Weight	545 g (without stand, without cable)	
	810 g (with stand , without cable)	
Cable	Straight 2.0 m	
Connector Type	RJ-45 phone jack connector	
Case Material	PC+TPU	
Exit Window Material	Tempered glass	
Indicator	Beeper and LED	
Interfaces	RS-232, or USB Keyboard, USB virtual COM	
Operating Mode	Continue	
Programming Method	Manual (reading special barcode)	
Firmware Upgrade	Online	
ELECTRICAL CHARACTERISTICS		
Input Voltage	5.0 ± 0.25 VDC	
Current	Scanning: 450 mA (Max:900 mA); Standby: 300 mA	
PERFORMANCE CHARACTERISTICS		
CPU	32-bit ARM Microprocessor	
Scan Pattern	Image	
Image Size	1280 × 1024 pixels	
Light Source	2700 K , white LED	
Scanning Angles	±60°, ±40°, 360°(skew, pitch, roll)	
Motion Tolerance	8 m/s (315 inches/second)	
Field of View	Horizontal: 40°, vertical:32°	
Print Contrast	20% minimum reflectance difference	
Minimum Resolution	4 mil	
Decoding Capability	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 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128 (GS1-128), ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, GS1 DataBar (formerly RSS) variants, QR code	
Decoding Depth	4 mil Code39 (3 chars)	40 mm - 110 mm
	5 mil Code128 (12 chars)	25 mm - 130 mm
	13 mil UPC (6 chars)	0 mm - 230 mm
	20 mil Code39 (3 chars)	0 mm - 300 mm
	10mil QR (20 chars)	0 mm - 160 mm
	20mil QR (20 chars)	0 mm - 230 mm
ENVIRONMENTAL CHARACTERISTICS		
Temperature	Operating: 0°C to 50°C; Storage: -40°C to 70°C	
Humidity	5% to 95% (non-condensing)	
Safety	EMC: EN55032, EN55035 Electrical Safety: EN62368-1	
	Photobiological Safety: EN62471:2008 Artificial light Immunity: 0~100,000 lux	
	ESD Protection: contact discharge: ± 4 KV, air discharge: ± 8 KV Sealing: IP52	
	Drop Resistance: Withstands multiple 1.5 m (5 ft.) drops to concrete	

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

