

# MP8000i

Image Platform with Built-in AI Chip



## Features

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

## MP8000i Specifications

<b>Physical Characteristics</b>		
Dimensions (L × W × H)	152 mm × 81 mm × 144 mm (Without Stand)	
	152 mm × 112 mm × 184 mm (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	
Interfaces	Rs-232, USB keyboard, USB Virtual com	
Indicator	Beeper, LED	
Operation Mode	Continue	
Programming Method	Manual (reading special barcode)	
Firmware upgrade	Online	
<b>Electrical Characteristics</b>		
Input voltage	5.0 ± 0.25 VDC	
Current	Scanning: 450 mA (Max: 900mA) Standby: 300mA	
<b>Performance Characteristics</b>		
CPU	32-bit ARM Microprocessor	
Scan Pattern	Image	
Image Size	1280 × 1024 pixels	
Light source	2700 k, White LED	
Scanning Angle	± 60°, ± 40°, ± 360° (Skew Pitch, Roll)	
Motion Tolerance	8m/s (315 inches/second)	
Field Contrast	Horizontal: 40°, vertical: 32°	
Print Contrast	20% Minimum reflectance difference	
Minimum resolution	4 Mil	
Decode capability	UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Book land EAN), ISSN, Code39 full ASCII, Code 32, Trioptic 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	4mil Code 39 (3 chars)	40 – 110 mm
	5mil Code 128 (12 chars)	25 – 130 mm
	13mil UPC 3 (6 chars)	0 – 230 mm
	20mil Code 39 (3 chars)	0 – 300 mm
	10mil QR (20 chars)	0 – 160 mm
	20mil QR (20 chars)	0 – 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 to 100000LUX ESD Protection: contact discharge: ± 4 KV, air discharge: ± 8KV Sealing: IP52 Drop Resistance: Withstands multiple 1.5 m (5ft.) drop to concrete