



1D

2D



## MP8600i 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 8m/s
- 3 Smart soft white LED offer convenient and comfortable user experience
- 4 Solid-state electronics for silent operation and superior reliability



## PHYSICAL CHARACTERISTICS

Dimensions	152.8 mm × 81.6 mm × 145.1 mm (without stand)
	152.8 mm × 112 mm × 186.6 mm (with stand)
Weight	482 g (without stand, without cable)
	755 g (with stand , without cable)

Cable	Straight 2.0 m
Connector Type	RJ-45 phone jack connector
Case Material	PC

Exit Window Material	Tempered glass
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Indicator Interface	Beeper and LED
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Host System Interfaces	RS-232, or USB Keyboard, USB virtual COM
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Trigger Mode	Continue
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Programming Method	Scanning special barcodes in sequence
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Firmware Upgrade	Online
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## ELECTRICAL CHARACTERISTICS

Input Voltage	5.0 ± 0.25 VDC
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Current	Scanning: 450 mA (Max:800 mA); Standby: 300 mA
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## PERFORMANCE CHARACTERISTICS

CPU	32-bit ARM Microprocessor
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Scan Pattern	Image
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Image Size	1280 × 1024 pixels
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Light Source	2700 K , white LED
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Scanning Angles	±60°, ±54°, 360°(skew, pitch, roll)
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Motion Tolerance	8m/s (315 inches/second)
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Field of View	Horizontal: 40°, vertical:32°
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Print Contrast	20% minimum reflectance difference
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Minimum Resolution	4 mil
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Decoding Capability	All common 1D/2D paper barcodes and mobile barcodes
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Decoding Depth	4 mil Code39 (3 chars)	60 mm - 80 mm
	5 mil Code128 (12 chars)	50 mm - 110 mm
	13 mil UPC (6 chars)	5 mm - 180 mm
	20 mil Code39 (3 chars)	20 mm - 220 mm
	10mil QR (20 chars)	40 mm - 130 mm
	20mil QR (20 chars)	10 mm - 180 mm
	20mil QR (150 chars)	10 mm - 180 mm

## ENVIRONMENTAL CHARACTERISTICS

Temperature	Operating: 0°C to 50°C; Storage: -40°C to 70°C
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Humidity	5% to 95% (non-condensing)
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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.

