

# MINDEO



1D 2D



## MP8600 Image Platform

### Features

- 1 High-performance imaging technology provides support to read 1D and 2D barcodes from both paper labels and mobile devices
- 2 Wide field-of-view, omni-directional scanning capability and advanced decoding software facilitate cashiers to scan all barcodes on first pass
- 3 Solid-state electronics for silent operation and superior reliability
- 4 Loud speaker and soft blue/green LED offer convenient and comfortable user experience
- 5 Multiple interfaces enable the image platform to utilize with different devices



## 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
Host System Interfaces	RS-232, or USB Keyboard, USB virtual COM
Indicator Interface	Beeper and LED
Trigger Mode	Continue, Auto-Detect
Programming Method	Scanning special barcodes in sequence
Firmware Upgrade	Online

## ELECTRICAL CHARACTERISTICS

Input Voltage	5.0 ± 0.25 VDC
Current	Working: 410 mA (Max: 700 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°, ±54°, 360°(skew, pitch, roll)	
Scanning Rate	95.3 inches/second	
Print Contrast	20% minimum reflectance difference	
Decoding Capability	All common 1D/2D paper barcodes and mobile barcodes	
Minimum Resolution	4 mil, 1 mil = 0.0254 mm	
Decoding Depth	4 mil Code39 (9 chars)	35 mm - 70 mm
	5 mil Code39 (3 chars)	25 mm - 80 mm
	10 mil Code39 (3 chars)	0 mm - 120 mm
	13 mil UPC (6 chars)	0 mm - 140 mm
	15 mil Code39 (1 char)	0 mm - 145 mm
	20 mil Code39 (1 char)	0 mm - 210 mm
	6.7mil PDF417 (20 chars)	20 mm - 95 mm
	10mil QR (20 chars)	10 mm - 100 mm
	20mil QR (20 chars)	10 mm - 100 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; ESD Protection: EN55024 Photobiological Safety: EN62471 RF Immunity: IEC61000-4-3, 10 V/m Artificial light Immunity: 100,000 lux Sealing: IP52
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[Notice]: Specifications are subject to change without notice.

