

# 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
Field of View	Horizontal: 40°, vertical: 32°
Print Contrast	20% minimum reflectance difference
Decoding Capability	1D: UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN) / ISSN <sup>1</sup> , 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, China Finance, GS1 DataBar (formerly RSS) variants 2D: PDF417, MicroPDF417, QR Code, DataMatrix, Aztec Code, HanXin Code, Micro QR, Codablock F Code, Maxicode
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
	10mil DM (20 chars)                            10 mm - 100 mm
20mil QR (20 chars)                            0 mm - 150 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: 100,000 lux Sealing: IP52

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

