

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 to work with different devices



PHYSICAL CHARACTERISTICS

Dimensions 14.5 × 15.3 × 8.2 cm/5.7 × 6.0 × 3.2 in (without stand)
18.7 × 15.3 × 11.2 cm/7.4 × 6.0 × 4.4 in (with stand)

Weight 482 g (without stand, without cable)
755 g (with stand , without cable)

Cable Straight 2.0 m (standard) ; Straight 3.0 m (optional)

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 ±70°, ±60°, 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

