

# MINDEO



1D 2D



## MP758 Image Platform

### Features

- 1 Stylish, compact design, ideal for self-service device
- 2 High resolution (1280×800) megapixel image
- 3 Support both infrared/image auto-induction trigger and serial trigger
- 4 Loud speaker and soft white LED offer convenient and comfortable user experience



## PHYSICAL CHARACTERISTICS

Dimensions	120.2 mm × 55.2mm × 102.2mm
Weight	154.6 g (without cable)
Cable	Straight 2.0m
Connector Type	RJ-45 phone jack connector
Case Material	ABS
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, Host
Programming Method	Scanning special barcodes in sequence
Firmware Upgrade	Online

## ELECTRICAL CHARACTERISTICS

Input Voltage	5.0 ± 0.25 VDC
Current	Scanning: 350 mA (Max: 550mA) ; Standby: 135 mA

## PERFORMANCE CHARACTERISTICS

CPU	32-bit ARM Microprocessor	
Scan Pattern	Image	
Image Size	1280 × 800 pixels	
Light Source	5000 K , white LED	
Scanning Angles	±66°, ±61°, 360° (skew, pitch, roll)	
Motion Tolerance	2.1 m/s	
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 Code128 (9 chars)	0 mm - 35 mm
	5 mil Code39 (3 chars)	0 mm - 50 mm
	10 mil Code39 (3 chars)	0 mm - 110 mm
	13 mil UPC (6 chars)	0 mm - 130 mm
	15 mil Code39 (1 char)	0 mm - 150 mm
	20 mil Code39 (1 char)	0 mm - 220 mm
	6.7mil PDF417 (20 chars)	0 mm - 50 mm
	10mil QR (20 chars)	0 mm - 40 mm
	20mil QR (20 chars)	0 mm - 105 mm

## ENVIRONMENTAL CHARACTERISTICS

Temperature	Operating: -10°C to 50°C, Storage: -30°C to 70°C
Humidity	5% to 95% (noncondensing)
Safety	EMC: EN55032 , EN55035 Photobiological Safety: EN62471 Electrical Safety: EN62368-1 Artificial light Immunity: 100,000 Lux

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

