

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 × 55.2 mm × 102.2 mm

Weight 154.6 g (without cable)

Cable Straight 2.0 m

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:550 mA); 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 Code39 (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% (non-condensing)

Safety EMC: EN55032; EN55024
Photobiological Safety: EN62471
RF Immunity: IEC61000-4-3, 10 V/m
Artificial light Immunity: 100,000 lux

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

