MINDEO

1D 2D

CE FC RoHS

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 x 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

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