# MINDEO

**1D** **2D**

CE · FC · RoHS

## MP8608i

### Kiosk Platform
### with Built-in AI Chip

## Features

**1**   Use self-developed AI Engine, fully upgrade scanning performance

**2**   Best in motion tolerance up to 8m/s

**3**   Smart soft white LED offer convenient and comfortable user experience

**4**   Loud speaker, Stylish and compact design, ideal for Self-service device

| PHYSICAL CHARACTERISTICS | |
|---|---|
| Dimensions | 147 mm × 74.5 mm × 139 mm |
| Weight | 361 g (without cable) |
| Cable | Straight 2.0 m |
| Connector Type | RJ-45 phone jack connector |
| Case Material | PC |
| Exit Window Material | Tempered glass |
| Indicator Interface | Beeper and LED |
| Host System Interfaces | RS-232, or USB Keyboard, USB virtual COM |
| Trigger Mode | Continue |
| Programming Method | Scanning special barcodes in sequence |
| Firmware Upgrade | Online |

| ELECTRICAL CHARACTERISTICS | |
|---|---|
| Input Voltage | $5.0 \pm 0.25$ VDC |
| Current | Scanning: 450 mA (Max:800 mA); Standby: 300 mA |

| PERFORMANCE CHARACTERISTICS | | |
|---|---|---|
| CPU | 32-bit ARM Microprocessor | |
| Scan Pattern | Image | |
| Image Size | 1280 × 1024 pixels | |
| Light Source | 2700 K , white LED | |
| Scanning Angles | $\pm 60°$, $\pm 54°$, 360°(skew, pitch, roll) | |
| Motion Tolerance | 8m/s (315 inches/second) | |
| Field of View | Horizontal: 40°, vertical:32° | |
| Print Contrast | 20% minimum reflectance difference | |
| Minimum Resolution | 4 mil | |
| Decoding Capability | All common 1D/2D paper barcodes and mobile barcodes | |
| Decoding Depth | 4 mil Code39（3 chars） | 60 mm - 80 mm |
| | 5 mil Code128（12 chars） | 50 mm - 110 mm |
| | 13 mil UPC（6 chars） | 5 mm - 180 mm |
| | 20 mil Code39（3 chars） | 20 mm - 220 mm |
| | 10mil QR（20 chars） | 40 mm - 130 mm |
| | 20mil QR（20 chars） | 10 mm - 180 mm |
| | 20mil QR（150 chars） | 10 mm - 180 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: 0~100,000 LUX |

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