

# MP8608i

Kiosk Platform with Built-in AI Chip



## Features

- Use self-developed AI Engine, fully upgrade scanning performance
- Best in motion tolerance up to 8 m/s
- Smart soft white LED offer convenient and comfortable user experience
- Loud speaker, Stylish and compact design, ideal for self-service device

## MP8608i Specifications

<b>Mechanical &amp; Electrical Characteristics</b>		
Dimensions (L × W × H)	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	
Scan Window Material	Tempered glass	
Interfaces	RS-232, USB Keyboard, USB Virtual COM	
Indicator	Beeper, LED	
Operating Mode	Continue	
Programming Method	Manual (reading special barcode)	
Firmware Upgrade	Online	
<b>Electrical</b>		
Input Voltage	5.0 ± 0.25 VDC	
Current	Scanning: 450 mA (Max: 800 mA); Standby: 300 mA	
<b>Performance Characteristics</b>		
CPU	32-bit ARM Microprocessor	
Scan Pattern	Image	
Image size	1280 × 1024 pixels	
Light Source	2700 k, White LED	
Scanning Angles	± 60°, ± 54°, ± 360° (skew, pitch, roll)	
Motion Tolerance	8m/s (315 in/s)	
Field of View	Horizontal: 40°, vertical: 32°	
Print Contrast	20% minimum reflective difference	
Minimum Resolution	1D: 4mill	
Decoding Capability	All common 1D/2D barcodes	
Decoding depth	4mil Code 39 (3 Chars)	40 – 70 mm
	5mil Code 128 (12 Chars)	20– 110 mm
	13mil UPC (6 Chars)	0– 260 mm
	20mil Code 39 (1 Chars)	0– 340 mm
	10mil QR (20 Chars)	0– 130 mm
	20mil QR (20 Chars)	0– 225 mm
<b>Environmental Characteristics</b>		
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 Illumination: 0-100,000 lux	