

# MP758i

Kiosk Platform with Built-in AI Chip



## Features

- With built-in AI Chip
- High resolution (1280 × 1024) megapixel image
- Best in motion tolerance up to 4m/s
- Support both image auto-induction trigger and serial trigger
- Multiple common interfaces allow easy integration into different devices

## MP758i Specifications

### Mechanical & Electrical Characteristics

Dimensions (L × W × H)	120.2 mm × 55.2 mm 102.2 mm
Weight	97 g (Without Cable)
Case Material	ABS
Cable	Straight 2.0 m
Connector Type	RJ-45 phone jack connector
Interfaces	RS-232, USB Keyboard, USB Virtual COM
Indicator	Beeper, LED
Trigger Mode	Continue, Auto-Detect, Host
Programming Method	Scanning special barcodes in sequence
Firmware Upgrade	Online

### Electrical

Input Voltage	5.0 ± 0.25 VDC
Current	Scanning: 350 mA (Max: 450 mA )

### Performance Characteristics

CPU	32-bit ARM Microprocessor	
Scan Pattern	Image	
Image size	1280 × 1024 pixels	
Light Source	2700 k, White LED	
Scanning Angles	± 66°, ± 61°, ± 360°(skew, pitch, roll)	
Field of View	Horizontal: 64°, Vertical: 55°	
Motion Tolerance	4m/s(157 in/s)	
Print Contrast	20% minimum reflective difference	
Decoding Capability	All common 1D/2D barcodes	
Minimum Resolution	1D: 4mill	
Decoding depth	4mil Code 39 (9 Chars)	20 – 70 mm
	5mil Code 39 (3 Chars)	20– 80 mm
	13mil UPC (6 Chars)	0– 250 mm
	20mil Code 39 (1 Chars)	0– 350 mm
	6.7mil PDF417 (20 Chars)	0– 110 mm
	10mil QR (20 Chars)	0– 120 mm
	20mil QR (20 Chars)	0– 210 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, EN55035
	Photobiological Safety: EN62471:2008
	Electrical Safety: EN62368-1
	Illumination: 0-100,000 lux