

# MP768i

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
- Fast read all common 1D /2D barcode, support electronic payment and commodity decoding

## MP768i Specifications

### Mechanical & Electrical Characteristics

Dimensions	143 mm × 52 mm 119 mm
Weight	191 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	
Print Contrast	20% minimum reflective difference	
Decoding Capability	All common 1D/2D barcodes	
Minimum Resolution	1D: 4mill	
Decoding depth	4mil Code 39 (3 Chars)	10 – 60 mm
	5mil Code 128 (12 Chars)	20– 80 mm
	13mil UPC (6 Chars)	0– 230 mm
	20mil Code 39 (3 Chars)	0– 260 mm
	10mil QR (20 Chars)	0– 110 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
	Electrical Safety: EN62368-1
	Illumination: 0-100,000 lux