

# MP718i

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
- Loud speaker and soft white LED offer convenient and comfortable user experience

## MP718i Specifications

<b>Mechanical &amp; Electrical Characteristics</b>		
Dimensions (L × W × H)	90.5 mm × 35.4 mm 80.2 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	
Operating Mode	Continue, Auto-detect, Host	
Programming Method	Manual (reading special barcode)	
Firmware Upgrade	Online	
<b>Electrical</b>		
Input Voltage	5.0 ± 0.25 VDC	
Current	Scanning: 350 mA (Max: 400 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	± 66°, ± 61°, ± 360°(skew, pitch, roll)	
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 39 (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
<b>Environmental Characteristics</b>		
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	