

MP725i

Image 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
- With larger angles, adjustable omni-directional scanning head meets various needs

MP725i Specifications

Physical Characteristics

Dimensions (L × W × H)	95 mm × 93 mm × 157 mm
Weight	298.5 g (without cable)
Cable	Straight 2.0 m
Connector Type	RJ-45 phone jack connector
Case Material	PC
Interfaces	Rs-232, USB keyboard, USB Virtual com
Indicator	Beeper, LED
Operation Mode	Handheld, Auto-detect, Continue
Programming Method	Manual (reading special barcode)
Firmware upgrade	Online

Electrical Characteristics

Input voltage	5.0 ± 0.25 VDC
Current	Scanning: 450 mA (Max: 600mA) Standby: 350mA

Performance Characteristics

Scan Pattern	Image	
Image Size	1280 × 1024 pixels	
Light Source	Illumination: 2700 k, White LED Aiming: 525 nm peak wavelength, green LED	
Field of View	Horizontal: 64°, Vertical: 55°	
Scanning Angles	± 70°, ± 70°, 360° (Skew Pitch, Roll)	
Motion Tolerance	4m/s (157 inches/second)	
Print Contrast	20% Minimum reflectance difference	
Decode Capability	All Common 1D/2D Barcode	
Minimum Resolution	1D: 4 Mil	
Decoding depth	4mil Code 39 (9 chars)	20 – 70 mm
	5mil Code 39 (3 chars)	20 – 85 mm
	13mil UPC (6 chars)	0 – 260 mm
	20mil Code 39 (1 chars)	0 – 380 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: -20° C to 55° C (-4° to 131°F); Storage: -20° to 75° C (-4° to 167°F)
Humidity	5% to 95% (non-condensing)
Safety	EMC: EN55032; EN55035 Electrical Safety: En62368-1 Photobiological Safety: EN62471:2008 Illumination: 0-100,000 lux Environmental Sealing: IP50 Drop: Resistance: withstand multiple 1.5 m (5ft.) drops to concrete