

MP8600i

Image Platform with Built-in AI Chip



Features

- With built – in AI Chip
- Best in motion tolerance up to 8m/s
- Advanced code reading performance and stability of codes due to glare, stains, scratches, or other defects
- The undervoltage protection is designed to easily handle various scenarios of power instability

MP8600i Specifications

Physical Characteristics	
Dimensions (L × W × H)	152.8 mm × 81.6 mm × 145.1 mm (Without Stand)
	152.8 mm × 112 mm × 186.6 mm (With Stand)
Weight	482 g (Without stand, without cable)
	755 g (With stand, 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
Operation Mode	Continue
Programming method	Manual (reading special barcode)
Firmware upgrade	Online
Electrical Characteristics	
Input voltage	5.0 ± 0.25 VDC
Current	Scanning: 450 mA (Max: 800mA) Standby: 300mA
Performance Characteristics	
CPU	32-bit ARM Microprocessor
Scan Pattern	Image
Image Size	1280 × 1024 pixels
Light source	2700 k, White LED
Scanning Angle	± 60°, ± 54°, ± 360° (Skew Pitch, Roll)
Motion Tolerance	8m/s (315 in/s)
Field Contrast	20% Minimum reflectance difference
Minimum resolution	1D: 4 Mil
Decode 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 3 (6 chars) 0 – 260 mm
	20mil Code 39 (3 chars) 0 – 340 mm
	10mil QR (20 chars) 0 – 130 mm
	20mil QR (20 chars) 0 – 225 mm
Environmental Characteristics	
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 to 100000LUX ESD Protection: contact discharge: ±4KV, air discharge: ± 8KV Sealing: IP52 Drop Resistance: Withstands multiple 1.5 m (5ft) drop to concrete