

RT830i-B Specification

Performance	Image Sensor	640 pixels (H)x 480 pixels (V)		
	Illumination Aiming	Illumination: 5000K LED		
	Symbologies	2D	PDF417, Data Matrix, QR Code.	
		1D	UPC-A,UPC-C, EAN-8,EAN-13, Code 128, Code 39, Code 93, Codabar, Interleaved 2 of 5 ,	
	Minimum Resolution	≥ 7 mil		
	Typical Depth of Field	UPCA	80-120mm (13mil)	
		QR Code	35-120mm (20mil)	
		PDF417	30-85mm (6.88mil)	
		Data Matrix	25-65mm (10mil)	
		Performance may be impacted by bar code quality and environmental conditions		
	Scan Mode	CMOS		
	Scan Angle	Roll: 360°, Pitch: ±60°, Skew:±40°		
	Field of View	88° (H) x 57° (V)		
	Motion Tolerances	>0.3m/s		
FPS	30FPS			
Print Contrast:	30% minimum reflective difference			
Mechanical/ Electric	Interface	USB Virtual COM Port,USB HID,HID-POS RS232,		
	Dimensions	45mm x 36mm x 12mm		
	Weight	13g		
	Notification	Beep		
	Voltage	5 VDC		
	Current	Operating: 140mA. Standby: 40mA. Peak: 240mA.		
Environmental	Operating Temperature	-20°C to 60°C		
	Storage Temperature	-40°C to 80°C		
	Humidity	5% to 95% relative humidity,non-condensing		
	Drop/Shock	Withstands 10Gs 0.06"double amp		
	Ambient Light Immunity	0-100,000 Lux.		

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