



# RT860D

Fast-speed 2d Scanner for Self-checkout/ POS Kiosk



RT830D is designed for all kinds of Self-checkout/ POS Kiosks in retail applications. Outstanding for its high speed reading performance so as to a good user experience.

Its large scanning window also makes it easy to capture and decode the code from a package.

It has capacity to decode almost all types of 1D/2D bar codes, including Aztec, Maxi Code, QR, Data Matrix, PDF417, EAN code, etc. It also can read bar codes from mobile phones.

Support sense mode which detects and reads bar code automatically.

## Features:

- ✓Excellent reading speed
- ✓Fixed mount design for embedded use
- ✓Large field of view - user friendly
- ✓Can read bar codes from screen and paper
- ✓Detect and read bar code automatically
- ✓Support most 1D and 2D bar codes



# Specification :



<b>Performance</b>	Image Sensor	1280pixels (H)x 1024 pixels (V)	
	Illumination	Illumination: RED LED	
	Symbolologies	2D	PDF417, MicroPDF417, Data Matrix, Maxi code, QR Code, Aztec, etc.
		1D	UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, MSI, GS1 DataBar Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, China Post(Hong Kong 2 of 5), Korea Post., Codabar, Code 39, Code 32 Pharmaceutical (PARAF), Interleaved 2 of 5, NEC 2 of 5, Code 93, Straight 2 of 5 Industrial, Straight 2 of 5 IATA, Matrix 2 of 5, Code 11, Code 128, GS1-128, GS1 Composite Codes, etc
	Minimum Resolution	≥ 4 mil	
	Typical Depth of Field	QR Code	10-50mm (13mil)
		EAN13	10-100mm (13mil)
		PDF417	5-50mm (7mil)
		Data Matix	5-40mm(13mil)
		Performance may be impacted by bar code quality and environmental conditions	
	Scan Mode	Sense mode, detect and read automatically	
	Scan Angle	Roll: 360°, Pitch: ±65°, Skew:±65°	
<b>Mechanical/ Electric</b>	FOV	68°(H) 58°(V)	
	Motion Tolerances	Up to 180cm/s	
	Print Contrast:	20% minimum reflective difference	
	Interface	USB, RS232, TTL232	
	Dimensions	114mm x 93.5mm x 59.1mm	
	Window size	95mm*75mm	
<b>Environmental</b>	Notification	Beep, LED blinking	
	Voltage	5±5% VDC	
	Current	Operating: 470mA. Standby: 220mA.	
	Operating Temperature	-20℃ to 60℃	
	Storage Temperature	-30℃ to 70℃	
	Humidity	0% to 95% relative humidity,non-condensing	
<b>Environmental</b>	Ambient Light		
	Immunity	0-100,000 Lux.	

