

# Omnidirectional and hands-free

## Kiosk Barcode Scanner: RT830B

RT830B is RTscan's new generation OEM 2D kiosk barcode scanner in 2017. Designed for embedded use, it is suitable for all kinds of Kiosk, ATM, ticket terminal, turnstile and medical devices. It is outstanding for its high speed motion tolerance (Up to 25in. (63.5cm) per second) and capacity to decode almost all types of bar codes, including Aztec, MaxiCode, QR, Data Matrix, PDF417, EAN code, etc. It also has been optimized for reading bar codes from mobile phone.

Support presentation mode (which detects and reads bar code automatically), continuous mode and command trigger mode, with USB-HID, USB-Virtual Com and RS232 interfaces.



Mechanical	
Dimensions (LxWxH)	65mm x 61.2mm x 28.7mm
Weight	33 g
Scan Performance	
Scan Pattern	Area Image
Optical Resolution	752*480 pixels
Light Source	Aiming& illumination: 617nm LE
Field of View	115°(H)x 90°(V)
Scan Angle	Omnidirectional
Symbol Contrast	20% minimum reflectance difference
Pitch, Skew	±65°, ±60°
Decode Capability	1D:Code 128,EAN-13,EAN-8,Code39,,etc. 2D:PPDF417,QR Code,Aztec, Data Matrix,etc.
Electrical	
Input Voltage	3.3-5.5 VDC
Current	200-300mA
Host System Interfaces	USB virtual COM , USB-HID, RS232
Environmental	
Operating Temperature	0°C to 50°C
Storage Temperature	-40°C to 70°C
Humidity	0% to 95%, non-condensing
Drop	withstand 1.5 m drop, withstands 50 times 1.6m to concrete
Ambient Light Immunity	up to 100,000 lux