



# RT860

High Speed Hand-free 2D Bar Code reader

RTscan 2018 new generation hand-free and super-fast desktop 2D bar code reader with large scanning window.

RT860 is a very ideal 2D bar code reader for applications like: supermarket, restaurant, hotel, bars, movie stores, banks, airport, bus/train station, hospital.

If you need a 2D bar code reader that can read bar codes very quickly so that customers or guests do not need to wait for a long time (like in supermarket or airport), RT860 will be your very good choice!

## Features:



- ▶ Super large scan window
- ▶ Super high scanning speed: around 120 frame per second
- ▶ Hand-free and automatic scanning operation
- ▶ Support almost all types 1D & 2D bar codes, including QR, Data Matrix, PDF417, Aztec, etc.
- ▶ Excellent performance for both paper bar code and phone screen bar code reading.



## Mechanical

Dimensions (LxWxH)	152mm x 149mm x 80mm
Weight	376 g

## Electrical

Voltage	5 VDC±10%
Operating current	500mA
Light Source	650nm LED
Host System Interfaces	USB HID-KBW, USB virtual COM, RS232

## Environmental

Operating Temperature	-0°C to 50°C
Storage Temperature	-40°C to 70°C
Humidity	0% to 95% relative humidity, non-condensing
Ambient Light	0 to 100,000 lux
Drop	Designed to withstand 1.5m (5') drops

## Scan Performance

Scan Pattern	Area Imager
Reading Resolution	≥ 5mil
Scan Angle	Omnidirectional
Symbol Contrast	25% minimum reflectance difference
Scan Angle	Roll: 360°, Pitch: ±65°, Skew: ±60°
Frame per second	120
Decode Capability	2D: QR, DataMatrix, PDF417, Aztec, Hanxin etc.  1D: UPC-A, UPC-E, EAN8, EAN13, ISSN, Telepen, China Post, Trioptic Code, Code128, GS1-128, ISBT 128, Code 39, Code 39 Full ASCII, Code 32, Code 93, Code11, Matrix 2 of 5

Typical Depth of Field	0mm-150mm ( different for different size & density code)
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