



RT850

Large Scanning Window Hands-free 2d Bar Code Scanner

RTscan's 2017 new hand-free and omnidirectional 2D bar code scanner with large scanning window for desktop use.

Features:



- ▶ Large scanning window, can scan a bar code that cover full screen of an iPhone 6.
- ▶ Omnidirectional
- ▶ Hand-free and automatic scanning operation
- ▶ Desktop design, can be used in all kinds of desktop scanning applications
- ▶ Suitable for mobile barcode scanning/ cellphone payment/ e-ticket payment/ e-coupon payment.
- ▶ Scan bar codes from paper, phone and computer screen
- ▶ NFC (optional)

Mechanical

Dimensions (LxWxH)	136mm×109mm×92mm
Weight	237 g

Electrical

Voltage	5 VDC±10%
Operating current	280mA
Standby current	80mA
Light Source	illumination: 6500K LED
Host System Interfaces	USB HID-KBW, USB virtual COM, RS232

Environmental

Operating Temperature	-5°C to 45°C
Storage Temperature	-40°C to 60°C
Humidity	5% to 95% relative humidity, non-condensing
Ambient Light	0 to 100,000 lux

Scan Performance

Scan Pattern	Area Imager
Optical Resolution	CMOS 640*480 pixels
Scan Angle	Omnidirectional
Symbol Contrast	30% minimum reflectance difference
Scan Angle	Roll: 360°, Pitch: ±60°, Skew: ±40°
Decode Capability	2D: PDF417, QR Code, Data Matrix, GM Code, Aztec, Micro QR, Micro PDF417, etc. 1D: Code 128, EAN-13, EAN-8, Code39, GS1, UPC-A, UPC-C, Code11, Code93, Codebar, etc.

Typical Depth of Field

0mm-100mm (a little different for different size & density code)

