



# RT350H

New Generation 2D Barcode Reader

This is RTscan new generation 2d scanner in 2016, with high performance imager sensor, and new optics technology, the RT350H provides us with an excellent performance for reading both 1d and 2d bar codes either from phone screen or from paper.

Readable most 1D barcode and 2D barcode such as QR code, PDF417 code, Data Matrix, Aztec Code...



## Features:

- With new imager sensor, more accurate and high performance
- Small & compact design for easy and comfortable operation
- Read most 1d /2d codes, Aztec, PDF417, QR code...
- Optimized for decoding from Smart phone screen, computer screen
- Error rate less than 1/5 million
- Antiknock design:withstands 1.5M drops
- ▶ With reading window from Germany, Scratches-proof
- ▶ Supports automatical detect and read barcode



## Specification:

### Scan Performance

Scan Pattern	Area-imaging
Bit error rate:	1/5 million
Sensor Resolution	648*480 pixels
Rotate, Pitch, Skew	360, ±40°, ±40°
Print Contrast	≥ 30%
Motion sensor	With sensor inside, support either trigger mode or automatical mode
Decode Capability	1D: Code128, UCC/EAN-128, AIM-128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code 39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, GS1-DataBarTM(RSS), (RSS-14, RSS-Limited,RSS-Expand) 2D: PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140)

### Electrical

Light Source :	625nm red LEDs
Operating Power	0.693 W (210mA @ 3.3 VDC)
Standby Power	0.0231W (7mA @ 3.3 VDC)
LED class	Classl: IEC60825-1
Interface	USB HID-KBW, USB Virtual Com, RS232, 1.5 meters cable

### Environmental

Operating Temperature	-20°C to 60°C
Storage Temperature	-40°C to 80°C
Humidity	5% to 95% relative humidity, non-condensing
Ambient light immunity	0-100,000 Lux

### Decode range

Code 39(5mil)	30mm-180mm
EAN-13 (13mil)	45mm-380mm
PDF417	30mm-125mm
QR code	25mm-165mm