



# 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)<br>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 |