



# RT610

High performance handheld 2D barcode Scanner

The RT610 is a high performance 1D/ 2D barcodes scanner, sensitive, fast and accurate. Readable from paper and phone screen.



## Features:

- With large angle image photoreceptor, readable either small size or big size barcode.
- Very sensitive, quick and accurate reading
- USB-HID, RS232 interface
- Antiknock design and robust
- Can read barcode from phone screen(and paper too)
- Lower power consumption
- Suitable for e-ticket, medical, supermarket, logistic, lottery,etc.



## Specification:

### Mechanical

Dimensions (LxWxH)	180mm×107mm×70mm.
Weight	130 g

### Electrical

Input Voltage	5 VDC
Operating Power	1.5 W (300mA @ 5 VDC)
Standby Power	0.4 W (80mA @ 5 VDC)
Host System Interfaces	USB HID, RS232
Light source	617nm LED
Electromagnetic compatibility	FCC Part15, ROHS

### Environmental

Operating Temperature	-20°C to 50°C
Storage Temperature	-40°C to 80°C
Humidity	5% to 95% relative humidity, non-condensing
Drop	Withstand 50times 1.6m to concrete
Illumination Level	0 to 100,000 lux

### Scan Performance

Scan Pattern	Area Imaging
Optical Resolution	0.30MEGA pixels, 648*480 pixels
Field of view	45° H
Symbol Contrast	25% minimum reflectance difference
Pitch, Skew,rotate	±65°, ±60°, 360°
Warranty	1 year factory warranty
Decode Capability	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, Interleaved 2 of 5, Codabar, MSI(Plessey), Chinese 2 of 5, GS1 DataBar, Industrial 2 of 5, Standard 2 of 5. 2D: PDF417\ Data Matrix\ QR code\Aztec

### Decode range

Oode 39(5mil)	400mm-100mm
100% UPCA (13mil)	50mm-200mm
Resolution 1d code 39	4mil (0.075mm)
Performance may be impacted by bar code quality and enviroment conditions.	