



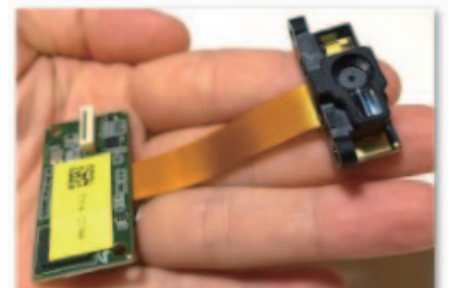
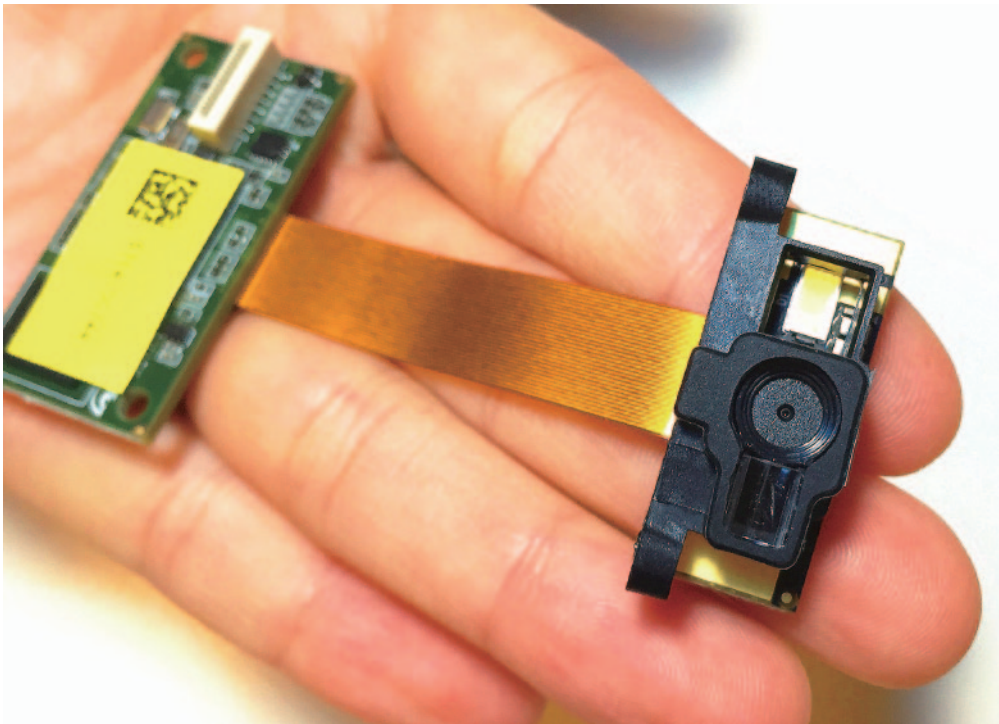
RT203

New Generation 2D Scan engine

The RT203 is a RTscan's new generation 2d scan engine in 2015, with state-of-the-art technology, its not only high performance but also very cost-effective. Come to use this scan engine, and your cost can be dramatically reduced.

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

With small size 31.7mmX12.2mmX12mm(LxHxD), so you can use it whatever your device is kiosk, ATM , lottery ticket terminal, medical device, or mobile terminal.



Features:

- With high performance imager sensor, more accurate
- TTL interface, or USB/ RS232 with emulation kit board
- Small size
- Supports most 1D and 2D bar codes, Aztec, QR code, etc.
- Readable either from LCD screen or from paper



Specification:

Scan Performance

Scan Pattern	Area-imaging
Bit error rate:	1/5 million
Sensor Resolution	640*480 pixels
Motion tolerance:	up to 25in. (63.5cm) per second
Roll, Pitch, Skew	360, $\pm 65^\circ$, $\pm 60^\circ$
Print Contrast	$\geq 25\%$
Mention pattern:	Buzzer indicator
Tigger Mode	Continuous mode, Command Mode, do not support automatic sensing mode
Decode Capability	1D: UPC\EAN with supplementals\ Bookland EAN\ ISSN\ UCC Coupon Extended Code\ Code 128\ GS1-128\ ISBT 128\ Code 39\ Code 39 Full ASCII\ Trioptic Code 39\ Code 32\ Code 93\ Code 11\ Matrix 2 of 5\ interleaved 2 of 5 Discrete 2 of 5\ Codabar\ MSI\ Chinese 2 of 5\ GSI DataBar Variants\ Korean 3 of 5\ ISBT Concat 2D: PDF417, Micro PDF417, QR Code, Micro QR, DataMatrix, Aztec Code, Maxi code

Electrical/mechanical

Power input	5 VDC $\pm 10\%$ @ 260 mA
Light Source :	Aimer: 617nm LED; Illumination: 625nm LEDs
Operating Power	2 W (400mA @ 5 VDC)
Interface	USB HID-KBW, USB Virtual Com, RS232, 1.5 meters cable
Weight	10g
Size	Scan head: 31.7mmX12.2mmX12mm(LxHxD) Decoder board: 38mmX19mmX7.5mm (LxWxD)

Environmental

Operating Temperature	0°C to 50°C
Storage Temperature	-40°C to 60°C
Humidity	5% to 95% relative humidity, non-condensing
Ambient light immunity	Immune indoor light up to 1600 Lux and sunlight up to 86,000 Lux
Electromagnetic compatibility	CE FCC
Warranty	1 year factory warranty