RT203

OEM 2D BARCODE SCANNER

The RT203 OEM 2d barcode scanner module outstanding by its capacity to capture image and readable almost all of types of bar codes includes QR code, Aztec code, Maxicode, DataMatrix code, PDF417 code and all of 1d bar codes.

Features:

▸ **Support almost all types 1d and 2d bar codes: Aztec, QR code, DataMatrix code, PDF417,etc.**

▸ **Up to 25in. (63.5cm) per second motion tolerance**

▸ **Relatively large field of view: 360, ±65°, ±60°**

▸ **Capable to capture image**

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, ±65°, ±60°
Print Contrast	≥ 25%
Mention pattern:	Buzzer indicator
Tigger Mode	Presentation mode, Command trigger 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 ± 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

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2D Scan Engine