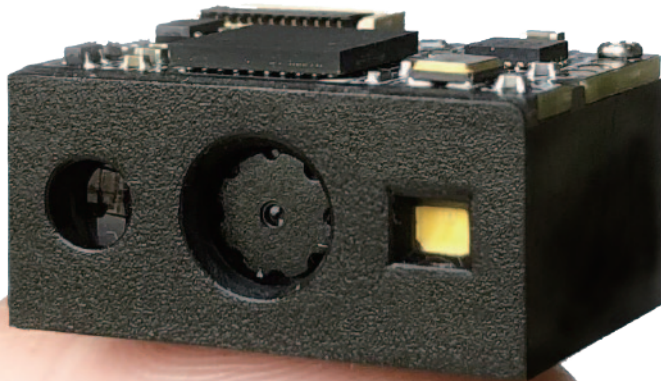




RT211

OEM 2D BARCODE SCANNER

Features:



- ▶ **Ultra compact, very small, with decoder board and imager 2-in-1**

This compact, lightweight engine fits easily into even the most space-constrained equipment such as data collectors, meter readers, ticket validators, POS, vending machine and PDAs.

- ▶ **Super cost-effective.**

This is a middle level but very lower price OEM barcode scanner module, it would be your excellent choice for general use for scanning usual bar code and QR code.

- ▶ **It supports all mainstream 1D and standard 2D barcode symbologies** (e.g.:

PDF417, QR Code M1/M2/Micro, Data Matrix) as well as GS1-DataBar™(RSS)

(Limited/Stacked/Expanded versions).

It can read bar codes on virtually any medium - paper, plastic card, mobile phones and other LCD display devices.

Mechanical

Dimensions (LxWxH)	21.5(W)×15.3(D)×11.8(H)mm
Weight	3.6 g

Electrical

Voltage	3.3 VDC±5%
Operating current	56mA (typical), 132mA (max.)
Standby current	3.4mA (TTL mode), 55.2mA (USB mode)
Power Consumption	184.8mW (typical)
Host System Interfaces	TTL level serial, or if with emulation kit: USB HID-KBW, USB virtual COM, RS232
LED class	EN62471:2008
Electromagnetic compatibility	EN55022, EN55024, EN60950-1

Environmental

Operating Temperature	-20°C to 50°C
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% relative humidity, non-condensing
Drop	withstand 1.0 m drops to concrete on each of the faces
Illumination Level	0 to 100,000 lux

Scan Performance

Scan Pattern	Area Imager
Optical Resolution	CMOS 640*480 pixels
Symbol Contrast	25% minimum reflectance difference
Scan Angle	Roll: 360°, Pitch: ±45°, Skew: ±40°
Field of View	Horizontal 45.6°, Vertical 34.2°
Decode Capability	2D: PDF417, Data Matrix, QR code 1D: Code 128, UCC/EAN-128, EAN-8, EAN-13, UPC-A, UPC-E, ISBN, Standard 2 of 5, Codebar, Code 39, Code 93, Code 11, Plessey, GS1-DataBar, MSI-Plessey Interleaved 2 of 5, ITF-6, ITF-14, Matrix 2 of 5, Industrial 2 of 5 and etc.

Typical Depth of Field	EAN-13	60mm-230mm (13mil)
	Code 39	50mm-125mm (5mil)
	QR Code	40mm-120mm (15mil)

