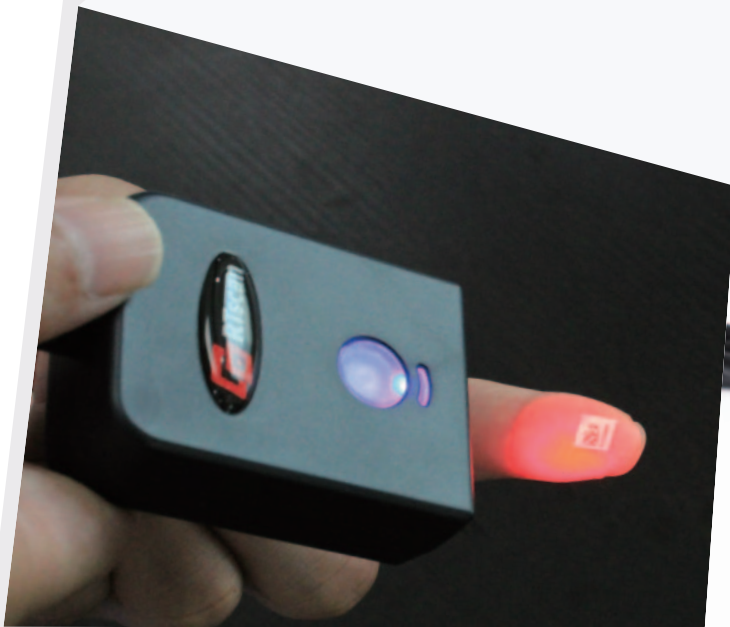




# RT231

Fixed Barcode Scanner – Fixed Scanner For Ultra Tiny Bar Codes



## Features:

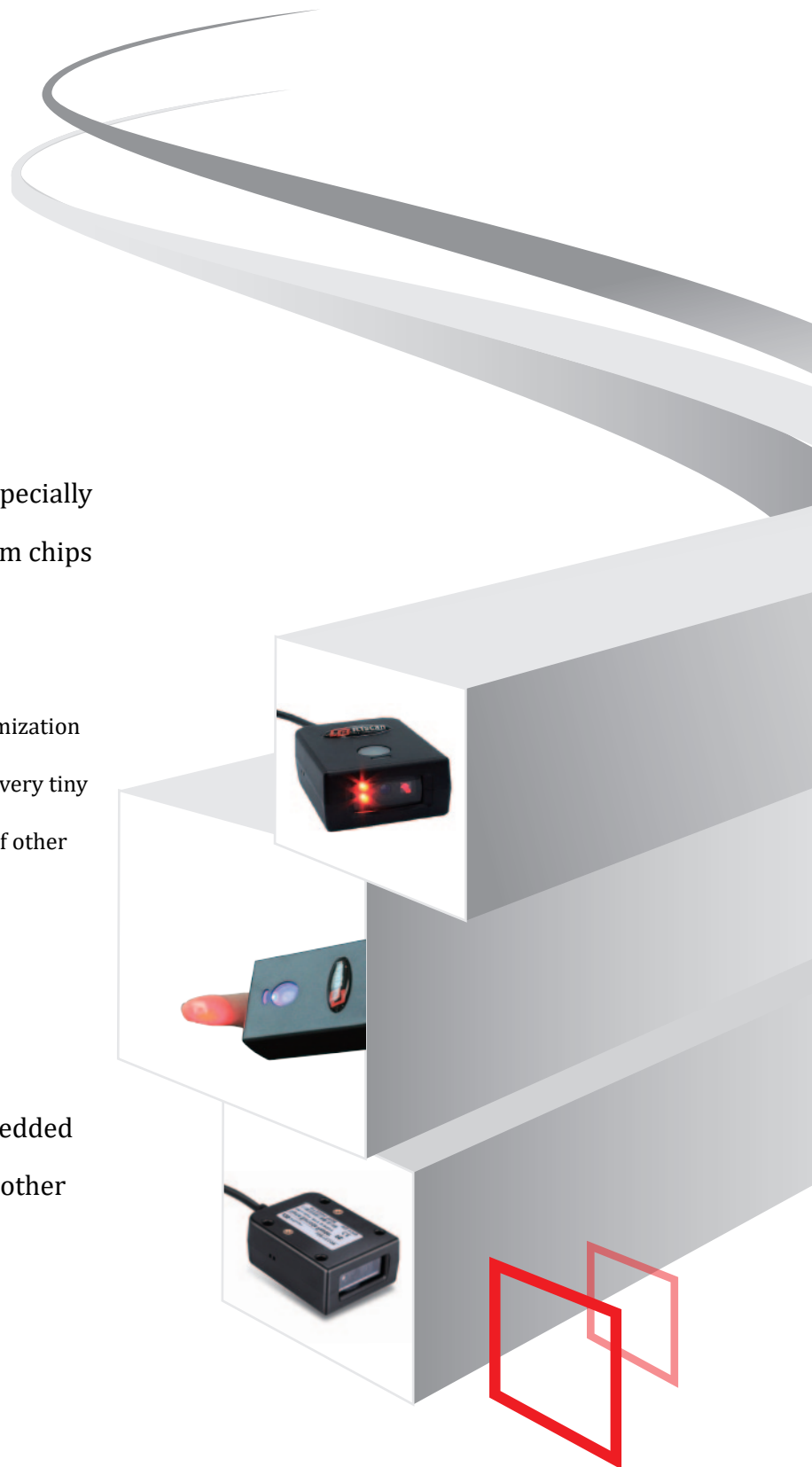
- Readable those very tiny bar codes (especially Data Matrix bar codes) from paper, from chips or from objects surface.

With 752\*480 imager sensor and special optimization for ultra small 2d bar codes, it can read those very tiny Data Matrix codes that can't be read by most of other scanners.

- Fixed mount design, can be easily embedded inside kiosks, vending machine or any other holder.

There are two M3 screw holes for fixing.

- USB or RS232 interface



## Specification:

### Mechanical

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Dimensions (LxWxH)	60(W)×46(D)×22.5(H)mm
Weight	100 g
Host System Interfaces	USB HID-KBW, USB Virtual Com, RS232

### Environmental

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Operating Temperature	-20°C to 55°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

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Scan Pattern	Area Image, Omnidirectional
Optical Resolution	CMOS 752*480 pixels
Resolution	≥3mil (differ from different type of code)
Symbol Contrast	25% minimum reflectance difference
Decode Capability	2D: Data Matrix (ECC200, ECC000, 050, 080, 100, 140), QR Code, PDF417 1D: Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc.