







OEM 2D Barcode Scan Module For Kiosk

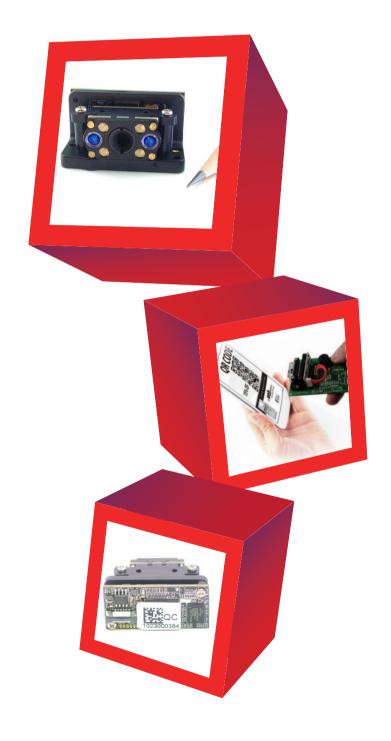
UART / USB-VCOM / USB-HID / RS232 Readable 1D / 2D Codes From Paper And LCD Screen





2D Barcode Imager

- Based on state-of the-art CMOS technology & advanced image processing and decoding technology, RT200 is a high performance 2D imager, it can read poorly printed 1D/2D bar code, and also can read 1D/2D bar code from mobile phone screen
- As an embedded module, it's compact designed and widely used for data collection terminals, kiosks, robotic automation, medical instruments and countless other applications. Many manufacturers have chosen RT200 for their product design and used for embedded, high-performance data collection.
- The RT200 is also outstanding in user friendly, in addition to the TTL UART interface, it also supports USB output with our evaluation kit board, and we also provide open SDK API such as image capture, I/O interface, etc. for integration.



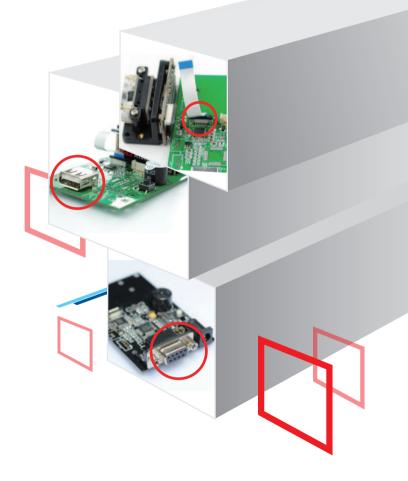


Features:

- Compact, easy to be embedded
- Support most of 1D/2D code decoding
- With high performance processing chip inside, it is outstanding in excellent performance to read bar code from phone
 screen
- Easy to be programmed, support firmware upgrade
- Flexible with customization

Interface:

- TTL: the module itself with TTL serial output
- USB: the emulation kit board with USB interface (the emulation kit board can be bought together)
- RS232: the interface of the emulation kit board can be also RS232





The emulation kit board provides RS232 or USB interface, with very compact design.

By using this emulation kit board together, you can reduce time to develop and integrate the 2D imager with your system so as to speed up your process to promote your system to the market.

Specification:

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Dimensions (LxWxH) 36.35mm×19.43mm×23.3mm.

Weight 25 g

Electrical

Input Voltage 3.3 VDC

Operating Power 9.9 W (300mA @ 3.3 VDC) Standby Power 2.21 W (70mA @ 3.3VDC)

Host System Interfaces TTL level serial, or if with emulation kit: USB virtual COM, RS232

LED class EN62471:2008

Electromagnetic compatibility EN55022, EN55024, EN60950-1

Environmental

Operating Temperature 0°C to 40°C
Storage Temperature -40°C to 60°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 Image
Optical Resolution 752*480 pixels
Scan Angle Omnidirectional

Symbol Contrast 25% minimum reflectance difference

Pitch, Skew 75°, 75°

Decode Capability 2D: PDF417, Data Matrix, QR code, Aztec

1D: UPC\EAN (UPC-A, UPC-E, EAN-13, EAN-8), Codabar, Standard 2 of 5

(Industrial 2 of 5), Matrix 2 of 5, interleaved 2 of 5, Code11, MSI,

GS1 DataBar, Code 128, Code 39, Code 93

Warranty 1 year factory warranty



Configuration Tool:

