

Finger Print Sensor Module - R305

Support

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SKU: PH_IMP_32

Price: ₹3,000.00 Original price was: ₹3,000.00. ₹1,280.00 Current price is: ₹1,280.00.

Stock: outofstock

Categories: [Components & Spares](#), [Sensors & Modules](#)



Product Description

R305 is a finger print sensor module with TTL UART interface. The user can store the finger print data in the module and can configure it in 1:1 or 1: N mode for identifying the person. The finger print module can directly interface with 3v3 or 5v Microcontroller. A level converter (like MAX232) is required for interfacing with PC.

Features:

- Integrated image collecting and algorithm chip together, ALL-in-One
- Fingerprint reader can conduct secondary development, can be embedded into a variety of end products
- Low power consumption, low cost, small size, excellent performance
- Professional optical technology, precise module manufacturing techniques
- Good image processing capabilities, can successfully capture image up to resolution 500 dpi

Specifications:

Power DC : 3.6V-6.0V

Interface : UART (TTL logical level)/ USB 1.1

Working current : 100mA

Peak Current : 150mA

Matching Mode: 1:1 and 1:N

Baud rate (9600*N)bps, N=1-12 (default N=6 57600bps)

Character file size: 256 bytes

Image acquiring time : <0.5s

Template size : 512 bytes

Storage capacity: 120

Security level : 5 (1, 2, 3, 4, 5(highest))

FAR : <0.001%

FRR: <0.1%

Average searching time: < 0.8s (1:880)

Window dimension : 18mm*22mm

* Product Images are shown for illustrative purposes only and may differ from actual product.