

INTRODUCTION

This capacitive fingerprint sensor supports fingerprint capture, image processing, fingerprint storage, fingerprint comparison, and so on. Taking ID809 high-performance processor and semiconductor fingerprint sensor as the core, the sensor adopts built-in IDfinger6.0 algorithm, which can complete all fingerprint identification work independently. The product supports UART communication. When working with the Arduino library, it can easily realize functions like fingerprint registration, fingerprint deletion, etc. Also, we provide upper computer software that helps users to operate this sensor.

This fingerprint sensor comes with round breathing LEDs and has a simple structure, small size, and delicate appearance. The sensor offers fast recognition speed and high security. What's more, it supports 360-degree arbitrary angle recognition and deep self-learning function, high performance and low power consumption.

FEATURES

- 360-degree fingerprint entry and matching
- Self-learning function
- CNC metal ring, plus aperture

APPLICATIONS

- Fingerprint door-lock
- Drawer Lock
- Identity Recognition
- Authorization

- Operating Voltage: 3.3V
- Operating Current: <60mA
- Communication Method: UART
- Storage Capacity: 80 fingerprints
- 1 : 1 verification time: 300~400ms
- Pixel Resolution: 508dpi
- Number of Pixels: 160x160
- Fingerprint Detection Area: 8.0mm x 8.0mm
- Working Environment: -40-60°C/
- Dimension: diameter 21mm/height 5mm

DOCUMENTS

• Product wiki

SHIPPING LIST

- Capacitive Fingerprint Scanner/Sensor x1
- PH1.0 6P Cable x1

REVIEW

