

Optical Fingerprint Sensor, works with Arduino



Description:

These modules are typically used in safes – there's a high powered DSP chip that does the image rendering, calculation, feature finding and searching. Connect to any microcontroller or system with TTL serial, and send packets of data to take photos, detect prints, hash and search. You can also enroll new fingers directly – up to 162 finger prints can be stored in the onboard FLASH memory. There's a red LED in the lens that lights up during a photo so you know its working.

Specifications:

- Supply voltage: 3.6 – 6.0VDC
- Operating current: 120mA max
- Peak current: 150mA max
- Fingerprint imaging time:
- Window area: 14mm x 18mm
- Signature file: 256 bytes
- Template file: 512 bytes
- Storage capacity: 162 templates
- Safety ratings (1-5 low to high safety)
- False Acceptance Rate:
- False Reject Rate:
- Interface: TTL Serial
- Baud rate: 9600, 19200, 28800, 38400, 57600 (default is 57600)
- Working temperature rating: -20C to +50C
- Working humidity: 40%-85% RH
- Dimensions: 5.5 x 2.2 x 2.2 cm



Made in China