



Ultra-Slim Round Fingerprint Sensor and
6-pin Cable
Product ID: 4750

Description

Secure your project with biometrics - this adorably tiny, all-in-one, optical fingerprint sensor will make adding fingerprint detection and verification super simple. It's extremely slim, with a plastic casing that can be glued or panel mounted into any enclosure! There are some embedded blue LEDs that light up the outer casing when the sensor is waiting for finger touches.

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 80 fingerprints can be stored in the onboard FLASH memory.

It also comes with a 6-pin Molex-style 1mm pitch connector, which you can easily cut off and solder directly to the wires.

Black to GND

Yellow to Microcontroller TX (data out from microcontroller)

Green to Microcontroller RX (data in from microcontroller)

Red to 3.3V VIN

White to IRQ (can leave disconnected)

Blue to 3.3V VCC (can leave disconnected)

Technical Details

Sensor diameter: 20.8mm

Cable assembly length: ~100mm