

FCP800 Fingerprint DSP Module

High-Performance & Cost effective

ADVANTAGE

- Stand Alone: FCP800 can work without connecting to PC.
- High Performance: With high performance CPU, matching speed is less than 1 second.
- Small Size: FCP800 is flexible to integrate to any device (EFT P.O.S., Door lock, Access control, Smart card reader.....).
- Cost Effective: FCP800 make your product more competitive.
- Easy Integration: It is very easy to capture fingerprint image, enroll and match fingerprint through RS232/UART interface.
ANSI/INCITS 378 Compliant Extractor & Matcher.
- Low Power Consumption: FCP800 can work with battery power supply.

HARDWARE

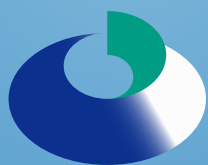
- Size: 63 x 22.4 x 25.4 mm
- Power: DC 3.3V (Operation: 50mA, dynamic power: < 200mA)
- Interface: UART (115200, n, 8, 1) / RS232
- Sensor: CMOS sensor
- Indicator: LED
- Operating Temperature: -5°C ~ 50°C
- Operating Humidity: 0~80% Non-condense
- Certification: FCC, ISO9001 : 2000



SPECIFICATION

- Verification speed: < 0.7 sec
- Resolution: 500 dpi
- Gray Level: 256 gray level (8 bits/pixel)
- Fingerprint Template Size: < 1KB
- Matching Type: 1:1; 1:N
- Template Capacity: 160 / 400 / 2,000
- Fingerprint Windows's Size: 17 x 19 mm
- FRR (False Rejection Rate): 1/100
- FAR (False Acceptance Rate): 1/100,000
- ESD: 15KV

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