

Benefits

- Works with the most widely adopted mobile platform (iOS) making it possible to create applications for devices your target customers may already own.
- Very simple to program, maintain and use.
- Meets industry standards for fingerprint quality— which means your applications can be accepted by organizations that rely on these standards when choosing technology.
- Increases security with reliable, commercial-grade fingerprint capture device.
- A vendor you can trust. Fulcrum Biometrics is a highly reputable and knowledgeable US based biometrics solution provider that has been delivering biometric hardware since 2003.

Product Highlights

- **Multi-Modal Mobile Collection**
Rapidly capture a single fingerprint or all ten fingerprints as well as high quality face images (using the iOS device camera).
- **Secure Wireless**
Transmit data between mobile client and server securely via the iOS device's native WiFi, which supports WPA2 with high encryption or via cellular data.
- **Streamlined Profile**
FbF mobileOne's sleek design makes it easy to carry— even in your pocket when docked!
- **Forensic Quality**
Capacitive TCS1 based fingerprint sensor from CrossMatch provides a full 256 bit grayscale, 508 dpi image suitable for the most demanding 1:N identification challenges.
- **Large Storage Capacity**
Store and match thousands of subjects locally using the iOS device's internal memory.
- **Local or Remote ID**
Fingerprint and face matching can be performed locally on the iOS device using tools available from Fulcrum Biometrics or matching may be done remotely by connecting to a remote AFIS system or a Fulcrum Biometrics ready-to-deploy multi-bio metric server (FbF bioServer).

Technical Specifications

Apple iOS Supported Devices

- iPhone 5s, iPhone 5c, iPhone 5, iPhone 6 Plus, iPhone 6, iPhone 7, iPhone 7 Plus
- iPod Touch (5th & 6th generation)
- iPad (4th & 5th generation)
- iPad mini 2, 3, and 4
- iPad Air 1 and 2

Interfaces

- Apple Lightning connector
- WiFi 802.11 b.g.n. (native Wi-Fi)
- Cellular data

Dimensions

- QuickDock 2.5" x 2.07" x .71"
(6.35 x 5.27 x 1.85cm)

Weight

- 0.2lbs (100 grams)

Operating Environment

- Temperature: 32° to 104° F (0° to 40° C)
- Humidity: <90% relative, non-condensing

LED

- Single LED provides ON, Scanning, Capture, and Low Battery Status

Power Supply

- Internal Li-Ion Rechargeable battery (1000mAh)
- Battery Life >8 hours in full operating mode
- Quick Recharge <3 hours to recharge a fully drained battery

Fingerprint Sensor

- Capacitive CS1 based fingerprint sensor from CrossMatch
- Image Resolution: 508 dpi, 256-bit grayscale
- Active Sensing Area: 18mm x 12.8mm (0.7" x 0.5")
- Image array size 360 x 256 pixels

Certifications

- FCC, CE, RoHS