FbF mobileOne is a portable biometric fingerprint scanning accessory built exclusively for the iOS platform (iPod, iPhone and iPad). The FBI has certified that this product meets specifications listed in the EBTS Appendix F Mobile ID SAP 10 using Personal Identity Verification (PIV) Single Finger Capture Device Specifications of the FBI’s Integrated Automated Fingerprint Identification Systems (IAFIS) Image Quality Specifications.

FbF mobileOne is ideally suited for a variety of mobile application use cases, such as:

- mHealth
- Border Control/Immigration
- Disaster Scene Management
- eSignature
- Time & Attendance
- Missing persons ID
- Access Control
- Mobile law enforcement
- forensic Investigations
- Military Field Operations

FbF mobileOne offers commercial grade fingerprint and face ID on iOS devices through a sleek fitting sleeve for iPod and iPhone devices or dockable solution for all iOS devices that fits comfortably in a cargo pant or vest pocket.

FbF mobileOne was designed with standards in mind, making iOS devices useful for a variety of small- and large-scale 1:1 and 1:N identification challenges. For use in the field, this means both fingerprint and face images can be captured and stored in the device’s on-board database or communicate via secure WiFi to remote databases and automated identity systems (AFIS) including Fulcrum’s own FbF bioServer, which is a multi-biometric image repository and powerful matching engine.

Fulcrum offers an iOS Library that makes it very easy for developers and integrators to integrate multi-biometric functionality into existing and new iOS applications. The FbF mobileOne Developer Bundle includes one FbF mobileOne accessory and the iOS Library.
FbF® mobileOne
Biometric capture, enroll and identify capability for iOS devices

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 against, maintain and use.
- Meets industry standards for 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, software and consulting services since 2002.

Specifications

Apple iOS Supported Devices
- iPod touch (4th generation)
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPad
- ipad

Interfaces
- Apple 30 pin connector
- Wi-Fi 802.11 b.g.n (native Wi-Fi)
- USB Mini Port
- Bluetooth

Dimensions
- Cradle 6.33” x 2.6” x .875” (15.8 x 6.6 x 2.22 cm)
- QuickDock 2.3” x2” x .575” (5.84 x 5.08 x 1.46 cm)

Weight
- 0.4 pounds (182 grams)

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

Power Supply
- Internal Li-Ion rechargeable battery (1200 mAh)
- External 5V via USB Mini-Port
- Battery Life >8 hours in full operating mode
- Quick Recharge <4 hours to recharge a fully drained battery using 5V power source
- Includes recharging cable

LED
- Single LED provides ON, Scanning, and Low Battery status

Fingerprint Scanner
- FIPS 201/PIV compliant fingerprint sensor from AuthenTec
- Image Resolution: 508 dpi, 256-bit grayscale
- Image Capture Method: Capacitive Touch
- Active Sensing Area: 18mm x 12.8mm (0.7” x 0.5”)
- Image array size: 360 x 256 pixels
- Less than 2 second authentication time
- Very Low FRR/FAR

Certifications
- FCC, CE, RoHS

Fulcrum Biometrics, LLC (USA)
1862 W. Bitters Road #100
San Antonio, TX 78248
Office: +1-800-430-4601
Int: +1-210-348-3687
Fax: +1-210-348-3691
Email: sales@fulcrumbiometrics.com

Fulcrum Biometrics Pvt. Ltd. (India)
661, Ground Floor, Udyog Vihar
Phase-V Gurgaon
Haryana, India 122006
Office: +91-124-4145414
Email: indiasales@fulcrumbiometrics.co.in

Founded in 2002, Fulcrum Biometrics is a leading provider, distributor and integrator of biometric identification technologies and devices for commercial, civil and military customers in more than 88 countries worldwide. Fulcrum’s offerings include industry-leading biometric software development tools, fingerprint scanners and other biometric sensors as well as custom software development for multiple platforms, custom integration and implementation of identity management applications and access control systems. Fulcrum is the developer of the Fulcrum Biometric Framework (FbF®), a rapid biometric application deployment suite which includes the FbF BioServer, FbF Live Scan, FbF mobile One, FbF Listener, FbF Silverlight Client Library and FbF iOS Library.