



Tascent™ M1

Simple, Powerful, Modular Mobile ID

Built for **OTTERBOX**
uniVERSE

Tascent M1

Simple, Powerful, Modular Mobile ID



Tascent M1 delivers high-performance FBI PIV Certified FAP 30 fingerprint capture in a compact, easy-to-use form factor. As with other devices in the Tascent Mobile product family, Tascent M1 is designed to work with the Tascent Mobile SDK and Mobile App for Android and the OtterBox uniVERSE case system.

This sophisticated modular approach enables a single-device experience when connected to uniVERSE-supported mobile devices (including Samsung Galaxy smartphones and tablets) and allows for easy swapping between different mobile device generations and form factors.

Key Features

- Non-optical FAP 30 fingerprint sensor works in bright sunlight
- Compact form factor weighs 55 g (M1 only), 230 g (including Samsung S8 and OtterBox case)
- Sleek, yet rugged: IP65 and MIL-STD 810G tested
- Works with Samsung Galaxy S8 and expanding ecosystem of devices supported by OtterBox uniVERSE
- Compatible with Tascent Mobile App and Tascent Mobile SDK for Android

Tascent M1

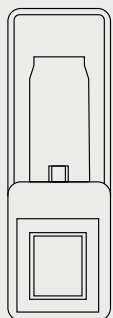
Tascent Mobile Product Family

Tascent M1 is not just a mobile fingerprint sensor – it adds best-in-class biometric capability to mature and secure mobile computing platforms. Tascent M1 is a part of the Tascent Mobile product family, which includes the Tascent MX, the Tascent Mobile SDK, and Tascent Mobile App. While Tascent MX offers enrollment-quality, multimodal biometrics, M1 is a cost-effective, ultra-compact alternative for applications where single fingerprint capture is desirable.

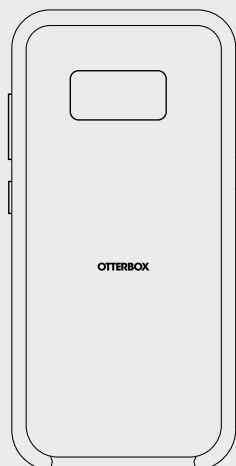
Powered by the Tascent Mobile SDK, Tascent M1 delivers standards-compliant fingerprint capture while the phone's leading edge onboard camera and microphone provide superior face and voice biometric capture capabilities. The Tascent Mobile SDK allows for full customization of high-performance mobile biometric apps from authorized 3rd-party developers and Tascent's own Identity Solutions group.

Benefits of smartphone-based mobile biometrics:

- Intuitive and simple user interface
- Integrated WiFi, 4G, and LTE communications
- High quality GPS location tracking
- Vast array of relevant off-the-shelf and custom apps and enterprise-grade security and device management tools



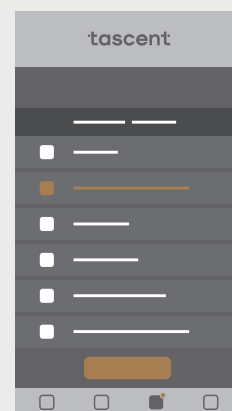
M1



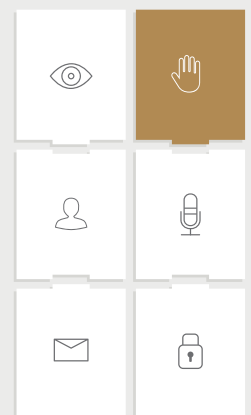
OtterBox
uniVERSE Case



Compatible
Android Mobile Device



Mobile App



SDK

Tascent M1 integrates seamlessly with the Tascent Mobile SDK and Tascent Mobile App for Android, delivering new levels of performance and versatility to mobile biometric capture and matching.

Tascent M1

A Modular Approach to Mobile ID



1.

Easy Attachment / Detachment

Tascent M1 was designed as a modular attachment to smartphone devices. Leveraging the OtterBox uniVERSE Case System, Tascent M1 can be easily connected and disconnected. The operator can use their mobile device independent of the Tascent M1 by simply removing the mobile device from the module.

2.

Smartphone Platform Compatibility

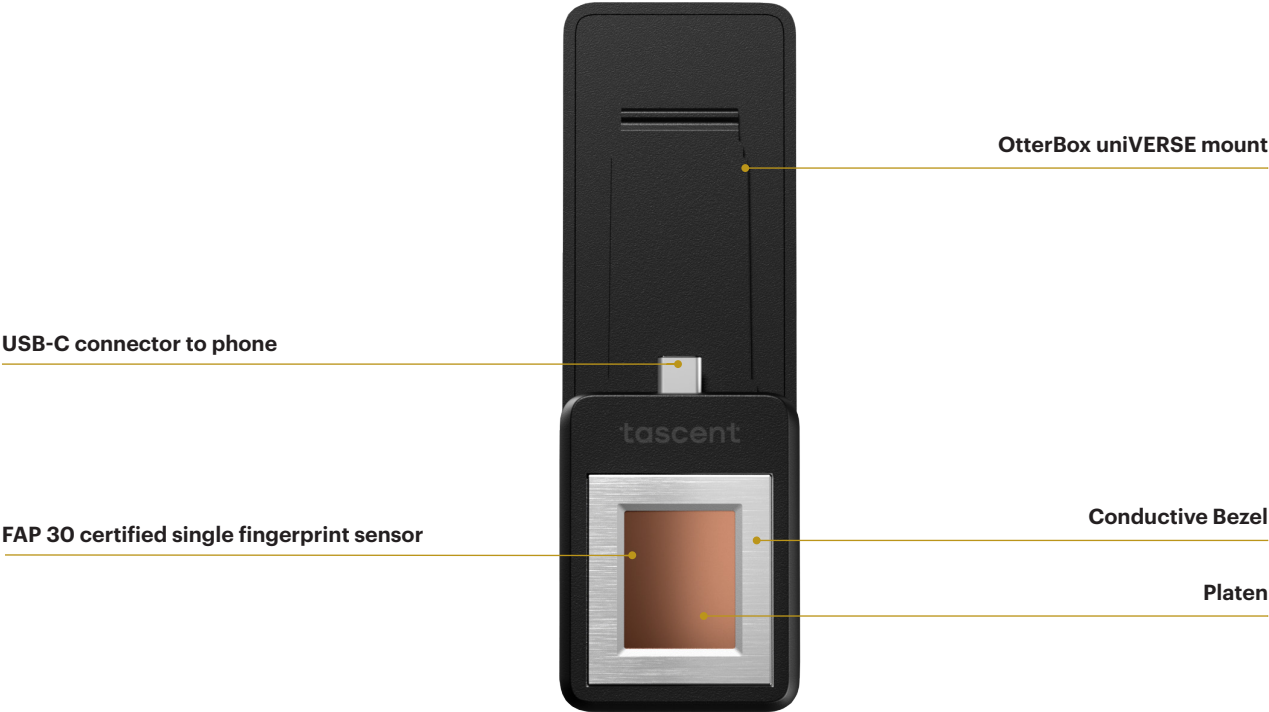
With a USB Type-C connector, Tascent M1 is compatible with a variety of Samsung Galaxy smartphones and tablets, adding best-in-class fingerprint acquisition to mature, stable, and well-supported Android devices.

3.

Multi-Generation Device Support

Tascent M1 has a flexible design that isn't bound to the specific dimensions of a particular mobile device. This allows end users to switch mobile devices from one form factor or generation to another, and take the M1 with them.

Tascent M1
Device Overview



Tascent M1

Intuitive Biometric Capture



Tascent M1
Front View



Tascent M1
Side View



Tascent M1
Back View

Full Screen Access

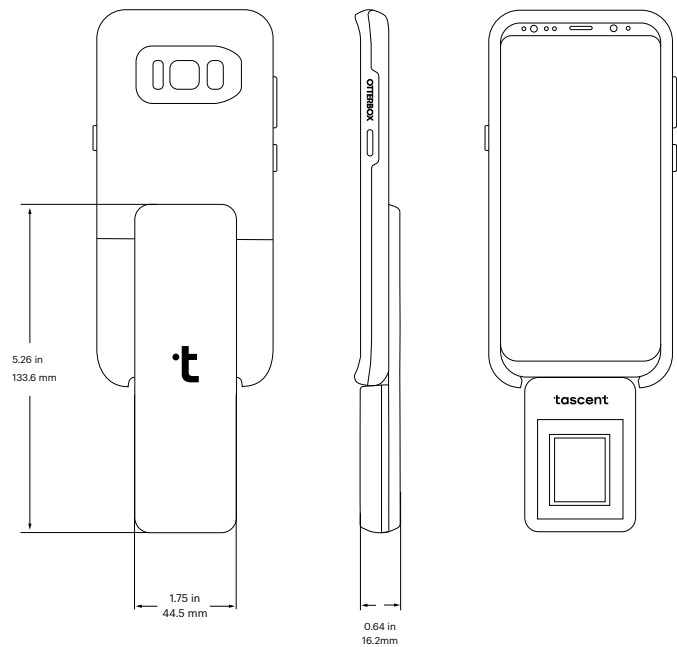
Tascent M1 is designed to allow for unobstructed access to the smartphone screen, speaker and audio ports. It provides an external passthrough USB Type-C connection to enable mobile device charging without needing to remove M1.

Compact Design for Optimal Portability

Tascent M1 leads the industry as one of the most compact and portable fingerprint sensors available. Lightweight, and highly durable, Tascent M1 weighs less than 80 grams while meeting IP65 and MIL-STD 810G specifications.

Tascent M1

Technical details



DEVICE SPECIFICATIONS

Weight	55 g (1.94 oz)
Dimensions (H x W x T)	133.6 mm (5.26 in) x 44.5 mm (1.75 in) x 16.2 mm (0.64 in)
Environmental Protection	IP65, MIL-STD 810G (drop, shock, and vibration) OtterBox uniVERSE Case System provides OtterBox Certified Drop+ Protection for the smartphone
Supported Hardware Platforms	Samsung Galaxy devices supported by OtterBox uniVERSE, including Galaxy S8
Phone Connectivity	USB Type-C
Included in Package	Tascent M1

BIOMETRIC SPECIFICATIONS

Fingerprint Capture	FAP-30 Single print 0.8" x 1", Capacitive Thin Film Transistor-based Sensor; 500 dpi resolution
Face Capture Sensor	Utilizes integrated smartphone camera for high-quality auto focus capture, BSI low-light sensitive with integrated flash / torch
Face Capture	ISO 19794-5 standards compliant at >0.5 m stand-o : >140 pixels between eyes, ISO-compliant cropping, De-rotation
Optional features	Optional features enabled by Tascent Mobile App, including on-device image quality metrics and matching

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