

Sherlock

Thin, Compact and Lightweight FBI Certified PIV FAP 45 2-Print Scanner

- Automatic Spoof Rejection
- Software-Based Autodetect

Size matters. So does weight. So do mobility and reliability. Integrated Biometrics' Sherlock 2-finger FAP 45 scanner delivers FBI Certified Appendix F fingerprint images in an amazingly thin, lightweight format.

Sherlock enables 1-, 2-, and 10-finger enrollment and verification from a device that weighs just 55g / 1.94oz. Designed for both embedded and standalone applications, Sherlock combines performance and durability with the compact size and low power consumption that mobile identity management applications demand.

Features & Benefits

Faster

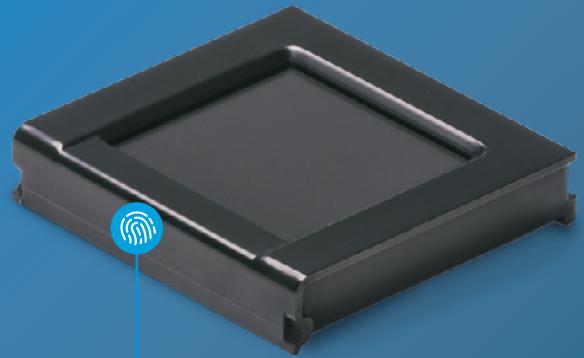
- Rapid dry finger capture
- No need to clean latent prints in high-volume situations
- Easy integration via single SDK for all Integrated Biometrics FBI-certified products

Better

- Unaffected by extreme temperatures, direct sunlight, or bright artificial lights
- Compact, lightweight, and rugged
- Rejects common spoofing attacks
- Emits no bright lights during scans
- Meets or exceeds US military durability specifications

Smarter

- Competitive pricing
- Extremely low power consumption
- Eliminates consumables (silicone membranes or cleaning tape)
- Lower maintenance costs



- Runs for hours connected to a smartphone
- Weighs just 55g / 1.94oz
- For embedded mobile applications
- Supports 1-, 2-, and 10-finger enrollment and verification



Light Emitting Sensor Technology

Integrated Biometrics' scanners use our patented light-emitting sensor (LES) technology to deliver fixed and mobile FBI-certified fingerprint imaging in an exceptionally durable, lightweight scanner.

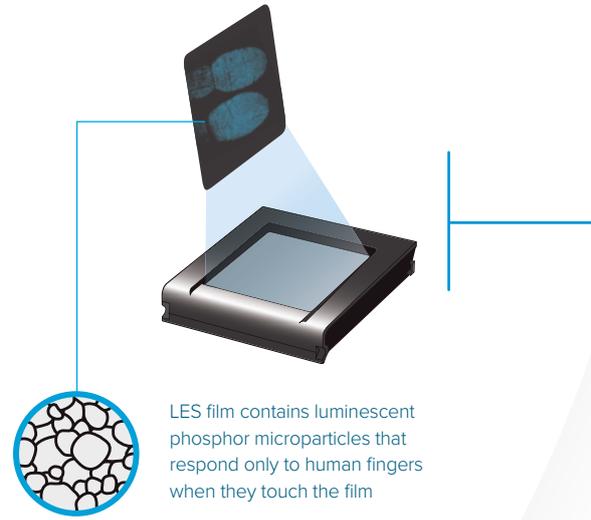
To learn more, go to integratedbiometrics.com/technology

Hardware-based Automatic Spoof Rejection

IB's LES film technology cannot be activated using common types of manufactured, fake fingerprints. Leveraging the electrical properties of human skin, LES film does not luminesce in the presence of fingerprints based on silicone, glues, rubbers, and other non-conductive materials.

Software-based Autodetect

IB's LES technology automatically detects the finger capture that generates the highest quality image without user intervention. Application developers enable this feature through IB's software development kit (SDK).



LES film contains luminescent phosphor microparticles that respond only to human fingers when they touch the film

AVAILABLE VERSIONS	PART NUMBER	DESCRIPTION
Sherlock	SH21100-000	Female Molex Connector
Sherlock	SH11100-000	Female Molex Connector

About Integrated Biometrics

Integrated Biometrics (IB), a pioneer in biometrics technology, designs and manufactures advanced, high-resolution touchless identification SDK software and the world's most mobile, durable and reliable FBI-certified fingerprint sensors. Law enforcement, military, homeland security, national identity, election validation, financial and social services organizations around the world rely on Integrated Biometrics products for fast, accurate enrollment, identification and verification, even in remote locations under extreme conditions.



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