FBI-Certified Fingerprint Scanners

Compact, durable, and efficient –
delivering exceptional value and performance,
even under extreme conditions.

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)
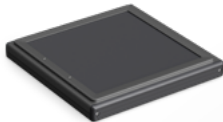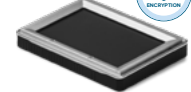- Lower maintenance costs

## IBScan Ultimate Capture SDK

IBScan Ultimate Capture SDK is provided with every IB scanner. The SDK contains comprehensive API functions necessary for 10-print enrollment tasks. Among the API functions supported are:

- Automatic capture and calibration of four finger slaps
- Automatic four-finger segmentation
- Easy roll print capture with automatic smear detection
- Individual finger NFIQ scoring of segmented slaps and individual rolled images
- Sequence checking for wrong finger or wrong hand detection
- Superior capture of damaged or dry fingers without requiring a silicon pad through our "Touch On Film" technology
- Captured images can be provided to the application in WSQ, RAW, BMP, JPEG2000, and PNG formats

For more on IB products and technology, visit us at
integratedbiometrics.com/products

UNMISTAKABLE ID,

UNMISTAKABLY IB

	WEIGHT	PLATEN SIZE	SENSING AREA	PHYSICAL SIZE	IMAGE SIZE
MANNIX | FAP 60, FBI Appendix F (pending) • Encrypted communications between scanner and host application • Supports FBI Certified Appendix F 10-finger enrollment and verification • Designed for fixed and mobile applications • Lowest power consumption of any comparable FAP 60 scanner	600 grams 1.32 lbs	127.8 mm x 127.8 mm 5.0" x 5.0"	127 mm x 127 mm 5" x 5"	161.0 mm x 160.9 mm x 20.3 mm 6.3" x 6.3 x 0.7"	2500 x 2500 pixels
KOJAK | FAP 60, FBI Appendix F • Encrypted communications between scanner and host application • Supports FBI Certified Appendix F 10-finger enrollment and verification • LED graphical user interface • Designed for fixed and mobile applications • Lowest power consumption of any comparable FAP 60 scanner • Optional private labeling	725 grams 1.6 lbs	88.90 mm x 80.01 mm 3.50" x 3.15"	81.28 mm x 76.30 mm 3.20" x 3.00"	114.7 mm x 131.8 mm x 82 mm 4.52" x 5.19" x .3.23"	1600 x 1500 pixels
FIVE-0 | FAP 50, FBI Appendix F • Runs for hours connected to a smartphone • Compact FAP 50 format • Rugged construction for mobile field operations • Enables mobile FBI certified Appendix F 10-finger enrollment and verification	191.6 grams 0.4 lbs	85.85 mm x 53.97 mm 3.38" x 2.12"	81.28 mm x 50.80 mm 3.20" x 2.00"	113.4 mm x 82.9 mm x 17.2 mm 4.46" x 3.26" x 0.68" *Desktop* 110.4mm x 79.9mm x 16.2mm 4.35" x 3.15" x 0.64" *Embedded*	1600 x 1000 pixels
SHERLOCK | FAP 45, FBI Appendix F, PIV • Enables mobile 10-finger enrollment and verification • Rugged construction for mobile field operations • Fits in a shirt pocket • Runs for hours connected to a smartphone • Embedded and standalone versions	55 grams 0.12 lbs	42 mm x 39 mm 1.65" x 1.53"	40 mm x 38 mm 1.6" x 1.5"	65.2 mm x 59.5 mm x 14.2 mm 2.57" x 2.34" x 0.56"	800 x 750 pixels
WATSON | FAP 45, FBI Appendix F, PIV • Compact two-finger scanner • Built for 1-, 2-, and 10-finger enrollment and verification • Intuitive, ergonomic, lightweight • Built for mobile and desktop applications	180 grams 0.40 lbs	40.64 mm x 38.1 mm 1.6" x 1.5"	40.64 mm x 38.1 mm 1.6" x 1.5"	60.3 mm x 62.3 mm x 33.04 mm 2.37" x 2.45" x 1.30"	800 x 750 pixels
COLUMBO | FAP 30, PIV • Embedded/standalone versions • Intuitive, ergonomic, lightweight • Built for mobile and desktop applications • Compact PIV-certified single-finger scanner • USB C compliant (cable not included)	41 grams 0.9 lbs	20.32 mm x 25.4 mm 0.8" x 1.0"	20.32 mm x 25.4 mm 0.8" x 1.0"	46.5 mm x 39 mm x 25.7 mm / 1.8" x 1.5" x 1.0"	400 x 500 pixels
DANNO | FAP 30, PIV • For embedded mobile applications • Weighs less than 20 grams / .6 oz • Supports single-finger enrollment and verification	25 grams 0.06 lbs	21.52 mm x 26.6 mm 0.85" x 1.05"	20.32 mm x 25.4 mm 0.8" x 1.0"	40.0 mm x 42.9 mm x 8.0 mm 1.57" x 1.69" x 0.31"	400 x 500 pixels

Light Emitting Sensor Technology (LES)

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