

A PORTABLE, FBI-CERTIFIED FAP50 FINGERPRINT SCANNER THAT FITS INTO A SHIRT POCKET



FBI Appendix F Certified 10-finger enrollment, verification, and booking in the compact FAP50 format



Built for portability and performance, with a ruggedized design small enough to fit into a pocket



Weighs just 6.76 oz / 191.64g and runs for hours using a smartphone, tablet, or PC as its power source (<300ma full-scan drain)



Designed for mobile field operations: Law Enforcement, Military, Border Control, and National ID Programs



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PROFILE

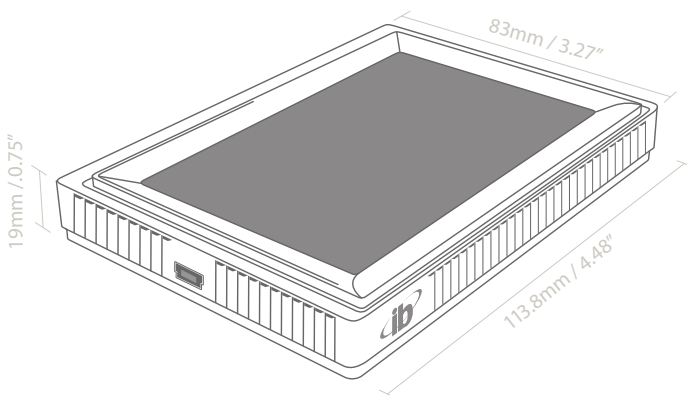
Integrated Biometrics' revolutionary FIVE-0 is the first FBI-certified optical fingerprint scanner that delivers mobile FAP50 enrollment in a package small enough to fit in a shirt pocket. Built for field enrollment, verification, and booking for law enforcement, military, border control and national ID programs, FIVE-0's lightweight design provides exceptional reliability coupled with extremely low power consumption. FIVE-0 resists latent fingerprints, dirt, cold, heat, bright lights, and sunlight, enabling accurate results under demanding conditions when speed and portability are crucial. FIVE-0 uses Integrated Biometrics' patented light-emitting sensor (LES) technology to capture an image rather than backlit glass platens and prisms. That's why FIVE-0 is so slim and light, with no glass surfaces to break and no light sources to replace.

BENEFITS

- Patented LES technology
- Impervious to bright lights/sunlight
- Unaffected by latent prints left on platen
- Captures dry fingers with no membranes required
- Platen won't fog when warm hands touch cold scanner
- Does not emit light when in use

AVAILABLE VERSIONS

PRODUCT	PART NUMBER
<ul style="list-style-type: none"> FIVE-0 Low-Profile Ten-Print & Roll Scanner 	IBHF04FR-01
<ul style="list-style-type: none"> FIVE-0 OEM Embedded, Low-Profile Ten-Print & Roll Scanner 	IBHFOE4FR-01



SPECIFICATIONS

RESOLUTION	500ppi
SENSING AREA	3.2" x 2" (FAP 50)
PLATEN AREA	3.38" x 2.12" / 85.85mm x 53.97mm
GRAY SCALE	256 grayscale dynamic range
IMAGE SIZE	1600 x 1000 pixels
SUPPORTED IMAGE FORMATS	RAW, JPEG2000, BMP, PNG, WSQ
SCANNER PHYSICAL SIZE	4.48" x 3.27" x .75" / 113.8mm x 83mm x 19mm
PRODUCT WEIGHT	6.76 oz / 191.64 g (not including cable)
INTERFACE	USB 2.0 (USB type C, Molex 51146-0600, Molex 51021-0600)
USB CERTIFICATION SPEC	USB-IF USB.ORG
FCC/CE CONFORMANCE	FCC Part 15 (per ANSI C62.4:2003) Class A, CSA ICES-003 Class A, CE Emissions: EN 55022:2006 Class A, CE Immunity EN 55024:1998/A1:2001/A2:2003, IEC 61000-4-2
API INTERFACE	Capture single finger/four finger direct, single finger rolls, multi-device/multi-thread support
USB POWER REQUIREMENT	4.40v to 5.25v, Full scanning TFT <300mA; Suspend <2mA
AIR DISCHARGE / CONTACT DISCHARGE	In compliance with IEC 61000-4-2
OPERATING TEMPERATURE	-10°C ~ +55°C / 14°F ~ 131°F
HUMIDITY	30~85% RH < 40°C / 104°F
STORAGE TEMPERATURE	-40°C ~ +80°C / -40°F ~ 176°F
INGRESS PROTECTION	P65 (Sealed Bezel to scanning surface for IP65 for embedded version)
SURFACE DURABILITY	MIL-C-675c 4.5010, MIL-STD-810F
FBI CERTIFICATIONS	FBI Appendix F-certified, Mobile ID IQS FAP50, PIV, GSA Fips201
VIBRATION TEST	per Mil-STD-810F (Method 514.5), Category 24, Fig. 514.5C-17
SURFACE RESISTANCE	Ammonia, IPA, Methanol, Soaps/Detergents, Salt Water
HAZARDOUS MATERIAL	RoHS Directive 2002/95/EC
OS SUPPORT	Windows Desktop 32/64 bit (7,8,10), Windows Server, Linux, Android 4.0+, Java