



KOJAK

Rugged, Compact,
FBI Certified FAP 60
10-Print Scanner



KOJAK

Designed for fixed and mobile applications



Supports FBI Certified Appendix F 10-finger enrollment and verification

LED graphical user interface

Lowest power consumption of any comparable FAP 60 scanner

Optional private labeling

Kojak ends the myth that 4-4-2 FAP 60 fingerprint scanners must be big, heavy, and power hungry. This compact, lightweight unit delivers fast FBI Certified Appendix F performance for 10-print enrollment and verification in a compact form factor that uses less power than any other FAP 60 scanner currently available.

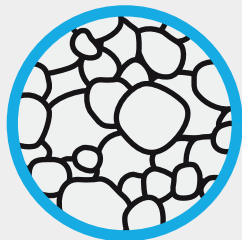
Kojak comes with an intuitive LED-based graphical interface that makes it fast and easy to register accurate scans. A private label version carries custom branding for OEMs and identity management solutions providers

Available in embedded and standalone versions.

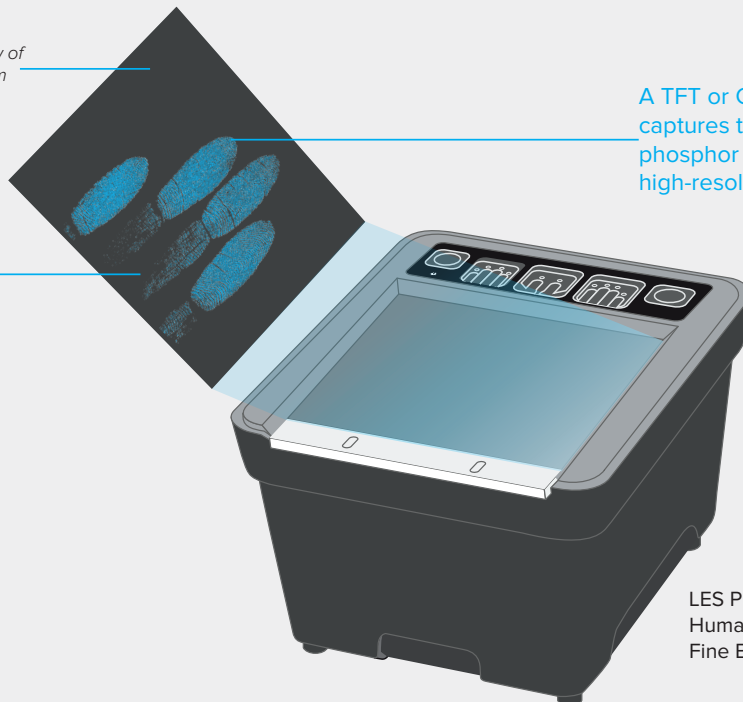
LES Light Emitting Sensor Technology

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.

Underside view of LES Sensor Film



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



A TFT or CMOS camera captures the glow from the phosphor particles, producing a high-resolution fingerprint image

LES Phosphor Particle	•	13-37 μm
Human Hair	•	50-70 μm
Fine Beach Sand	•	90 μm

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

Hardware-based Automatic Spoof Rejection

IB's LES film recognizes real versus manufactured fingerprints. LES-based scanners automatically reject fingerprints based on silicone, glue, rubber, and other common spoofing materials.

Software-Based Autodetect

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

AVAILABLE VERSIONS

Product

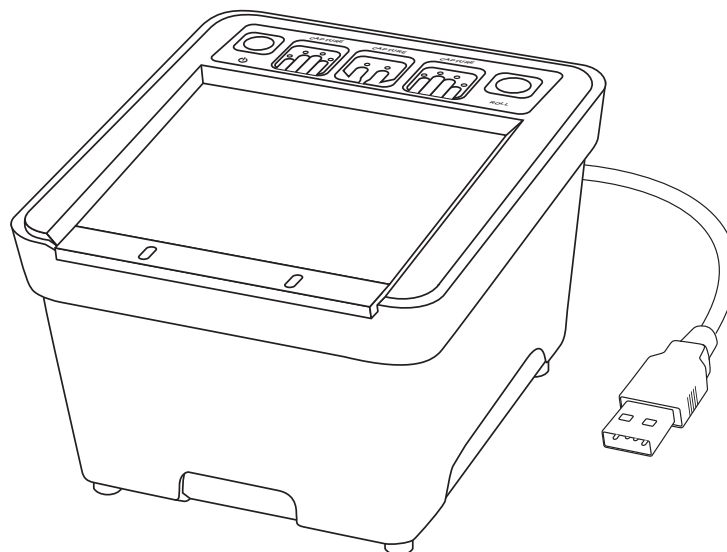
- KOJAK DESKTOP
- KOJAK DESKTOP

Part Number

- KJ110DA-000
- KJ110FA-000

Description

- 6' USB A
- 3M USB A



Images & Capture

Sensor Type

Light-emitting sensor (LES) CMOS CIS camera

Resolution

500 PPI

Gray Scale

256 grayscale dynamic range

Image Size

1600 W x 1500 H pixels

Supported Image Formats

RAW, JPEG2000, BMP, PNG, WSQ

FBI Certification / Image Certifications

FBI Appendix F, PIV, FIPS 201, FAP 60

Speed

Min frame rate > 10 FPS, slaps and rolls

Capture Types

Capture single-finger/four-finger direct, single-finger rolls, multi-device/multi-thread support

Weight & Dimensions

Product Weight

725 grams / 1.6 lbs (not including cable)

Platen Size

88.90 mm x 80.01 mm / 3.50" x 3.15"

Sensing Area

81.28 mm x 76.30 mm / 3.20" x 3.00"

Scanner Assembly Dimensions

114.20 mm x 132.08 mm x 83.83 mm / 4.40" x 5.20" x .330"

Power & Connectors

Interface

USB 2.0

Power Source

USB Host

USB Power Requirement / Consumption

4.40V to 5.25V <300mA full scanning,
<2mA sleep mode

Conformance & Certifications

USB Certification

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

Air Discharge / Contact Discharge

In compliance with IEC 61000-4-2

Equipment Safety

IEC 60950-1

Hazardous Material RoHS Certified

RoHS directive 2002/95/EC

Vibration Test

IEC 60068-2-64

Temperatures & Humidity

Operating Temperature

-10°C ~ +55°C / 14°F ~ 131°F

Humidity

30~85% RH < 104°F / 40°C (non-condensing)

Storage Temperature

-30°C ~ +60°C / -22°F ~ 140°F

Surface & Support

Ingress Protection / Water / Dust

Direct water spray, no dust or dirt ingress, IP65 bezel to film

Surface Durability

MIL-C-675c 4.5010, MIL-STD-810F

Surface Resistance / Allowable Cleaning Chemicals

Ammonia, IPA, methanol, soaps, detergents, salt water

OS Support

Windows Desktop 32/64 bit (7, 8, 10), Windows Server, Linux, Android 4.0+, Java

Warranty

1 year hardware warranty
(extended warranty available upon request)

