

Kojak

OS Support & System Requirements

OS Support

- Android 15 or newer
- Windows Desktop Editions 11
- Linux Kernel 5.x, 6.x or newer supported release
 - Ubuntu 22.04LTS or newer
 - Debian 12 or newer

CPU

- x86 and x64 | 2.0GHz or higher ARM | 1.0 GHz or higher

Memory

- 512MB or higher

Images & Capture

Sensor Type

- LES Active Optical™ technology

Camera

- CMOS

Resolution

- 500 ppi/dpi

Grayscale

- 256 grayscale dynamic range

Image Size

- 1600 x 1500 pixels

Supported Image Formats

- RAW, JPEG, JPEG2000, BMP, PNG, WSQ (FBI-approved)

Functions: Touch Buttons

- 2x programmable touch buttons

Notifications: Audible & Visual

- Built in programmable chime
- 10x programmable red/green LEDS*

Encryption

- 256-bit AES keys and RSA algorithms

FBI / Image Certifications

- FBI Appendix F, FAP 60

Speed

- Min frame rate > 8 fps



Model Number
KJAK3230



API Interface

- Capture with one finger or with multiple fingers; Capture of rolled fingerprints; Multi-device / multiprocessor support

Quality Scoring

- NFIQ v1 supported on all OSes and NFIQ2 for Windows

Weight & Dimensions

Product Weight

- 725 grams / 1.60 lbs

Platen Size

- 88.9 mm x 80.0 mm / 3.50" x 3.15"

Sensing Area

- 81.2 mm x 76.3 mm / 3.20" x 3.00"

Scanner Assembly Dimensions

- 114.7 mm x 131.8 mm x 82 mm / 4.52" x 5.19" x .323"

Power & Connectors

Interface

- USB 2.0 / USB 3.0 compatible

Power Source

- USB Host

USB Voltage Level

- 4.40V to 5.25V; 4.4V via USB; full scanning > 300mA, typical > 250mA

Conformance & Certifications

USB Certification

- USB-IF USB.ORG

FCC / CA / CE / UKCA / KC / UL Conformance

- FCC Part 15 Subpart B Class B
- ICES-003 Issue 7, Class B
- CE: EN 55032:2015+A11:2020 Class B, EN 55035:2017+A11:2020
- Safety: EN IEC 62368-1:2020+A11:2020
- UL 60950-1

Electrostatic Discharge

- In compliance with IEC 61000-4-2

Hazardous Material

- RoHS Directive 2011/65/EU with amendment 2015/863, TSCA, Proposition 65, Canada Prohibition

Vibration Test

- IEC 60068-2-64

Certifications

- Fingerprint Template Output Formats
 - ISO_19794_2_2005/2011
 - ISO_19794_4_2005/2011
 - ANSI_INCITS_378_2004
 - ANSI_INCITS_381_2004
- 500 PPI fingerprint capture supporting flats
- ISO 14001:2015
- iBeta ISO 30107-3 Compliant
- MOSIP Compliant
- KISA PAD Compliant
- BIS Compliant
- STQC Compliant
- Meets TAA compliance for US customers

Temperature & Humidity

Operating Temperature

- -10°C ~ +55°C / 14°F ~ 131°F

Humidity

- 20~95% RH < 40°C / 104°F (Non-condensing)

Storage Temperature

- -40°C ~ +80°C / -40°F ~ 176°F

Surface & Systems

Ingress Protection / Water / Dust

- IP65 Sealed bezel to scanning surface

Surface Durability

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

Cleaning & Sanitization

- For proper cleaning and disinfection of IB products, visit integratedbiometrics.com/cleaning

Mean-Time Between Failures (MTBF)

- Based on 200 full single-finger enrollments per day, the Kojak MTBF is 22.2 years.

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.