

# 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  
KJ210DA-E00



## 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 .3.23"

## Power & Connectors

### Interface

- USB 2.0

### Power Source

- USB Host

### USB Voltage Level

- 4.40V to 5.25V; 4.4via 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 14001:20015
- 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](https://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.