

# KOJAK/KOJAK PL SPECIFICATIONS

## OS Support & System Requirements

### OS Support

- Android 10, 11, 12
- Windows Desktop Editions 7, 8, 10, 11
- Linux Kernel 4.0 or newer (32/64 bit, ARMv6, ARMv7)
  - Ubuntu 18.04, 20.04 or newer
  - Debian 10, 11, 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

### Camera

- CMOS

### Resolution

- 500 ppi

### Grayscale

- 256 grayscale dynamic range

### Image Size

- 1600 x 1500 pixels

### Supported Image Formats

- RAW, 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 > 8fps

### 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 / 1.6 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

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

## Power & Connectors

### Interface

- USB 2.0

### Power Source

- USB Host

### USB Voltage Level USB

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

## Conformance & Certifications

### USB Certification

- USB-IF USB.ORG

### FCC/CE Conformance

- FCC Part 15 (per ANSI C63.4: 2014) Class B, CSA ICES-003 Class B, CE Emissions: EN 55022:2010 Class B, CE Immunity EN 55024:2010/A1:2001/A2:2003, IEC 61000-4-2

### Air Discharge / Contact Discharge

- In compliance with IEC 61000-4-2

### Equipment Safety

- IEC 62368-1

### Hazardous Material

- RoHS Directive 2002/95/EC, 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 rolls and flats
- ISO 9001:2015
- iBeta ISO 30107-3 Compliant
- MOSIP L1 Compliant

## Temperature & Humidity

### Operating Temperature

- -10°C ~ +55°C / 14°F ~ 131°F

### Humidity

- 10~95% RH < 40°C / 104°F (Non-condensing)

### Storage Temperature

- -30°C ~ +60°C / -22°F ~ 140°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 10-print flats enrollments per day, the Kojak MTBF is 22.2 years.



\*Not applicable to Kojak PL variants.