![ib INTEGRATED BIOMETRICS]

IBScan Ultimate (SDK)

Software Development Kit for FBI-Certified Sensors Utilizing IB's Light-emitting Sensor Technology (LES)

The IBScan Ultimate Software Development Kit (SDK) accelerates the integration of Integrated Biometrics' innovative light-emitting sensor fingerprint scanners into robust, high-performance OEM and integrator identity management solutions.

Designed for optimal performance, IBScan Ultimate SDK includes all necessary USB hardware drivers, as well as sample applications in multiple popular development languages.

Robust documentation for all application programming interface (API) functions enables rapid biometric solutions development for Windows, Linux, and Android, all from the same SDK.

IBScan Ultimate SDK Benefits

- No site or user license fees
- Eases capture of roll prints through smear detection
- Supports two and four finger slap capture through image segmentation
- Instantly identifies print capture quality through NFIQ scoring
- Delivers superior capture for damaged or dry fingers through Touch on Film (TOF) technology

Capture

- Single Finger Slap
- Four Finger Slap
- Two Finger Slap
- Single Finger Roll

Image Output

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

For more on IB products and technology, visit us at
integratedbiometrics.com/products

UNMISTAKABLE ID,
UNMISTAKABLY IB

Operating Systems*

- 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
  - Fedora 34, 35, or newer
  - Debian 10, 11, or newer

Contents

- API Manual for C
- API Manual for Java (and Android)
- Sample Applications and Source Code
  - VB.NET
  - C++
  - Java
  - C#
  - Android
- Getting Started Guide

Roll Sample   Single Flat   Two Finger   Four Finger

Conformance & 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
- iBeta ISO 30107-3 Compliant
- MOSIP L0/ SBI 1.0 Windows and Android Compliant
- ISO 9001:2015

KOJAK | **FAP 60, FBI Appendix F**

- 10 Print Capture (4-4-2)
- Rolls + Slaps
- Enrollment + Verification

FIVE-0 | **FAP 50, FBI Appendix F**

- 10 Print Capture (4-4-2)
- Rolls + Slaps
- Enrollment + Verification

SHERLOCK | **FAP 45, FBI Appendix F, PIV**

- 10 Print Capture (2 x 5)
- Rolls + Slaps
- Enrollment + Verification

WATSON | **FAP 45, FBI Appendix F, PIV**

- 10 Print Capture (2 x 5)
- Rolls + Slaps
- Enrollment + Verification

COLUMBO 2.0 | **FAP 30, PIV**

- Single Finger Capture
- Verification

DANNO | **FAP 30, PIV**

- Single Finger Capture
- Verification

* For legacy operating systems please contact support

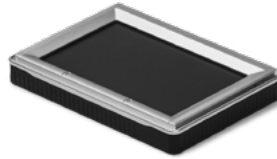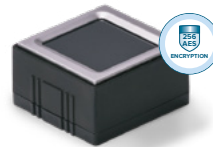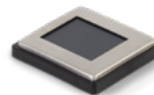---

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.

To download the SDK, please visit:

integratedbiometrics.com/support

Contact Support

How can we help you today? *
Request Software Development Kit (S▸

Product Information
Serial Number Format Example
09-character: 1723-00020
14-character: NF120-1809-00043
15-character: SH11100-55550073
19-character: FV11100-9:300048-000K
20-character: FV11100-201300048-000K

Serial numbers can be located on bottom of the scanner.

Serial Number Location Example

ib PRODUCT NAME CE
PN: WM110CA   QA
Sub No : E00
Rating : 6V   0.6A
Manufacturer : IB Korea
Made in Korea   Ver 2.4.0
Seongnam-si, Gyeonggi-do
SN : WM110CA-00000000-E00K
PRODUCT UPDATE All Appendix F-

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