BIOSID® Ver 2: Mobile Identity Solutions

Handheld Biometric Enrollment and Identity Verification

BIOSID® Ver 2 (Biometric Smart Card Identity) by CardLogix is a family of handheld identity solutions built on a rugged, IP65-rated terminal with robust software featuring smart card read and write functions, multi-modal biometric capture, and a simple, user-friendly interface with enrollment input. The series includes BIOSID Enroll and BIOSID Verify which are sold separately or combined. Each solution is fully customizable.

BIOSID Enroll enables the instant capture of multiple biometric modalities (fingerprints, iris, signature, and faceprints) and the input of biographical information such as name, date of birth, eye color, and age. Users may write the information to the smart card directly or send it to a remote server over the cloud.

BIOSID Verify features highest reliability identity verification with live 1:1 biometric matching that compares newly captured faceprints, iris, and fingerprints with those secured in the smart card chip. The solution performs AES-encrypted, challenge-response authentication to validate the smart card, gain access to encrypted data from the chip, and decrypt that data. Biographical data, photo ID, signature, and other digital information are instantly displayed onscreen for visual inspection. The combination of digital authentication, visual inspection and biometric verification reliably ensures that a subject is who he or she claims to be.

FEATURES AND BENEFITS

- Enroll and Verify the users Identity from any location with our lightweight, robust handheld mobile device
- Deploy in harsh environments (Waterproof, Dustproof, Shockproof, Drop-Resistant) with IP65 certification
- Stay connected wherever you go via WiFi, GSM (Cellular Services), and Bluetooth
- Capture and Verify multiple biometric modalities: Fingerprints, Iris, Faceprint, Signature
- Verify a person identity reliably via Multi-Factor authentication with 1:1 Biometric Matching
- Display digital cardholder information for Instant Visual Inspection (IVI)
- Write enrollment data to directly to a Smart Card or send to remote location (cloud based for example)
- Use with Contact or Contactless M.OS.T. Card®, JAVA, DesFire, and MiFare Smart Cards
- Leverage Product and Data Interoperability with idblox® Compatibility
- Save enrolled date to a Smart Card (ID), to the device (Hard Disk), Computer or to the cloud (Server)
- Fingerprint FBI Certified (FAP 20)
- Save Fingerprint (images and templates), Face (photo and template), and Iris (templates)
- ISO 19794-5/6 (Face and Iris) standard used with NEUROtechnology licenses
- United States Biometric licenses from RankOne Computing (Face) and Princeton Identity (Iris)
- The BIOSID is offered in English, Spanish and French (Other languages can be translated as requested)
- Get started today or request a custom version built to your specific requirements and specifications!

APPLICATIONS

- Driver License Validation and Ticketing
- Multi-Application National and Civil IDs
- Patient IDs with Emergency Medical Records
- Health IT Management
- Enterprise Identity Management
- In the Field Military Identification
- Refugees Identity Management

- Benefits and Pensions Programs
- VIP Events Ticket Validation
- Border Control
- On the Spot ID Biometric Validation
- School districts Identity Management
- Vote ID Management
- Employee ID Verification

BIOSID® Mobile Identity Solutions

Handheld Biometric Enrollment and Identity Verification

Button: Micro USB & Headphone Jack

IC Contact Card Reader

Front Camera

Fingerprint FAP 20 reader

8 In Touch Screen

Smart Card NFC Reader

Protective Pad

Rear Camer

Wrist Band

Digital Speaker

SIM or SAM card slot TP Card

Power

Volume

Processor	Octa-Core .1.8 GHz
Memory	2GB DDR RAM, 16 GB eMMC ext TF Card Slot
Device Operating System	Android 9
Display	8", TFT 1280*800
Smart Card Readers	**Contact** ISO 7816 and **Contactless** ISO14443 Type A/B, MIFARE®, ISO18092-Compliant
Fingerprint Scanner	Optical Single Finger Scanner with LFD, FBI PIV & Mobile ID FAP20 Certified
Iris Scanner	Dedicated (Optional) (Using Princeton Identity for enrollment and validation)
Front Camera	5MP Fixed Focus using Face RankOne technology and Iris using Princeton Identity
Rear Camera	13MP, auto focus using Face RankOne technology and Iris using Princeton Identity
SIM Slots	2 SIMs, 1 SIM+1 SAM (Optional) or 2 SAM (Optional)
Communications	LTE, WCDMA, GPRS, WiFi, Bluetooth, NFC
GPS	Built-in (Optional)
Peripheral Ports	1 Micro USB, 1 DC Charge
Audio	Digital Audio Speaker, Microphone
Power Supply	5V⎓3A / 9V⎓2A
Battery	3.8V/8540mAh, Li-ion
Dimensions	262(L)×160(W)×30(H)
Certifications, Ratings	CE-Certified, Ingress Protection IP65-Rating
Durability	**IP65** Enclosure : "dust tight" and protected against water projected from a nozzle. Shockproof and Drop-Resistant from 3 ft (1.2m) on 6 Sides.
Smart Card Support (Software)	CardLogix M.O.S.T. Card® (Contact or Contactless), Optional (Mifare, DesFire, JAVA)
Starting Fields (for Capture, Read, Display and Write-to-Card Functions)	Photo (Portrait), Signature, Fingerprints, Iris (upgradable), First Name, Middle Name, Last Name, ID Number, Unique Cardholder ID, GUID (Optional), Issuing Authority (Agency), Expiration Date, Date of Birth, Sex, Age, Eye Color, and Other Fields per Your Specific Requirements
Biometrics Matching	ANSI-378, ISO-19794 Fingerprints (10), Iris (2) , Faceprints (1) (ISO-19794 5/6 for Face and Iris Optional)
Custom Software Options	User Input Fields, Keys, Personalized Layout and Design, Specific Biometric Modalities, GUID Recognition, and More
Custom Smart Card Options	Specialized Card Configurations, Combined Technologies, Card Artwork, Security Graphics, and Programming of Unique Keys and IDs for Use with Solution