

Handheld Biometric Enrollment, Verification and Validation (AFIS) Tablet Device (OS 4.30)



BIOSID® Pro Enroll + Verify+ Validation (AFIS) enables the instant capture of multiple biometric modalities (fingerprints, iris, faceprints, and signature) and the input of biographical information such as name, date of birth, eye color, and age. It can also read barcode or QR code information or MRZ or secure documents. Users may write the information to the smart card (Contact or Contactless), the device or send over to a cloud server. The BIOSID Pro also IDENTIFY the users unique biometric information through **our AFIS** (Automatic Fingerprint Identification System) and VALIDATE the user has not been enrolled previously.



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. A barcode / QR Code and MRZ reader can also be used to verify and display the encrypted information.

- ✓ 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, LAN (RJ45), GSM (Cellular Services), and Bluetooth
- ✓ Capture & Verify & Validate biometric modalities (images & templates): Fingerprints, Iris, Faceprint, Signature (visual)
- ✓ Verify a person identity reliably via Multi-Factor authentication with 1:1 Biometric Matching (Cloud or live)
- ✓ Display digital secure credential cardholder information for Instant Visual Inspection (IVI)
- ✓ Write enrollment and verify data to directly to a Smart Card, to the device or to a cloud base database
- ✓ Use with Contact or Contactless M.OS.T. Card®, (Optional customization for JAVA, DesFire/MiFare)
- ✓ Compatible with our IDBX CLX Enroll Biometric enrollment, verification (AFIS), and validation desktop solution
- ✓ Fingerprint FBI Certified (FAP 20 to FAP 45)
- ✓ Biometric licenses from Neurotechnology (Fingerprint), RankOne Computing (Face) , & Princeton Identity (Iris)
- ✓ GPS, Date, Time enrollment information provided for the enrollment data
- ✓ Secured login (Admin and users), Automatic Primary Key issuance (if requested)
- ✓ The BIOSID is offered in English, Spanish and French (Other languages can be translated as requested)
- ✓ MRZ, Barcode and QR Code reading / displaying capabilities (customized)

- 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

www.CardLogix.com



Rank One
COMPUTING

princeton
IDENTITY

BIOSID® Pro Ver 1 Mobile Identity Solutions

Handheld Biometric Enrollment, Verification and Validation (AFIS) Tablet Device (OS 4.30)



Processor	Octa-Core 1.8 GHz
Memory	2 GB DDR RAM & 16 GB eMMC (Optional 4GB DDR RAM, & 64GB eMMC) ext TF Card Slot up to 256 GB
Device Operating	Android 9
Display	8", IPS LTPS 1280*800
Smart Card Readers	Contact ISO 7816 and Contactless ISO14443 Type A/B, MIFARE®, ISO18092-Compliant
Fingerprint Scanner	Single Finger Scanner with LFD, FBI PIV & Mobile ID FAP20, (Optional FAP30 or FAP 45) certified
Iris Scanner	Optional Dedicated Iris sensor (Using Princeton Identity for enrollment & validation biometrics licenses)
Front Camera	5MP Fixed Focus using Face RankOne technology biometric license
Rear Camera	13MP, auto focus camera sensor or Iris Sensor
SIM Slots	2 SIMs, 1 SIM+1 SAM (Optional) or 2 SAM (Optional)
Communications	LTE-FDD, LTE, TDD, WCDMA, GPRS, GSM, GPS, WiFi, Bluetooth (4.2), NFC
Reader / Scanner	MRZ, Barcode, or QR Code capable through camera or (Optional dedicated reader)
Peripheral Ports	2 USB 3.0, 1 Mini HDMI, 1 Type-C / USB, 1 DC Charge
Audio	Digital Audio Speaker, Microphone
Power Supply	5V=3A / 9V=2A
Battery	3.8V/10,000mAh, Li-ion (Removable)
Dimensions (mm)	262(L)×160(W)×30(H)
Certifications, Ratings	CE-Certified, Ingress Protection IP65-Rating, FCC, RoHS
Durability	IP65 Dust-Proof and Waterproof up to 3m. Shockproof and Drop-Resistant from 1.2m on 6 Sides.
Smart Card Support	CardLogix M.O.S.T. Card® (Contact or Contactless), Customized (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) with United States licenses or European licenses with AFIS (with Enroll + Verify Version)
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

Contact us: Sales@cardlogix.com

Tel: +1 (949) 380-1312

www.CardLogix.com

Address: 16 Hughes, Suite C100, Irvine, CA 92618

