



# FieldBio®

Advanced Mobile ID Verification,  
Powered by Biometric Technologies and Smart Readers





## FieldBio

Instantly Prove The Authenticity of ID Documents,  
from Anywhere and In Real Time

Instantly know who you're dealing with ID verification on the go. FieldBio combines biometric, chip scanning and optical reading technology to verify identity ultra-fast and with zero bias. All from a lightweight, handheld portal device.



# An Extension of your **Security Team**

Expand the accuracy, speed & professionalism of your agents

Combining law-enforcement grade fingerprint scanners, ID readers and biometric face-match technology, FieldBio is a full security station packed in a single handheld device. Simple scan-and-click technology means your team can verify identity in seconds with no additional training required.

Ideal for use in constant motion and in all weather, FieldBio is used and trusted by government agencies, border control and security teams around the world.

- ✓ Restricted-Area Access Management
- ✓ Passport & Border Control
- ✓ Police & Security Agencies
- ✓ Body Identification
- ✓ Crowd Management
- ✓ VIP Services



# Business Case: FieldBio Runs **Banan**

The official biometric app from NIC, Saudi Arabia



In Saudi Arabia, NIC has created a secure solution to help authorized government agencies, to utilize its identity verification services, and has trusted FieldBio hardware to run Banan for all agencies.

FieldBio and Banan, provides a leap in identity validation and verification, in different business cases including managing access to restricted areas, matching and verifying IDs in the field, Identifying people without IDs on them, managing speedy passport control, and identifying body of the deceased and the unconscious.





# Technology that's Ahead of the Curve

FieldBio combines a law-enforcement grade fingerprint scanner, smartchip reading technology & biometrics scanner to instantly & accurately extract data and check if an ID document is genuine.

It doesn't matter the device, industry or complexity—our advanced tech supports the precise authentication of people, with security standards you can trust.





# Market-Leading Biometrics, to **Be Sure**

Packed with Best-in-Class Biometric Technologies,  
For Unbeatable Speed & Accuracy

With high resolution, high accuracy biometric fingerprint reader, you can instantly check and validate IDs.

Whether it is identification or verification, FieldBio has the best fingerprint reader, with FAP30 technology, certified by FBI, that makes it possible to read fingerprints even from wet or cut finger tips, and with wide area for high accuracy scanning.

And with its high resolution dual cameras, accompanied by world-class face recognition and matching software, you can identify and/or verify identity by using advanced Artificial Intelligence algorithms.

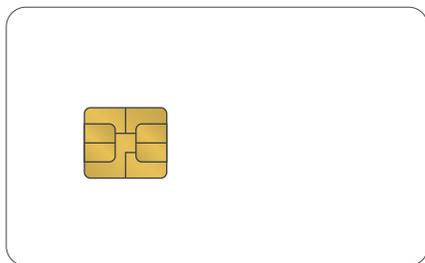
FieldBio, is packed with best in class biometrics technologies, to serve your needs on the go.





# Exceptional Pre-Built Solutions, **Whatever the ID**

## Smartchip and IDs



Instant and accurate reading for all data inside smartchips, via a smart-reader supporting a wide range of protocols. It also supports contactless cards reading via NFC technology, with support for custom IDs

## Barcode & QR Code



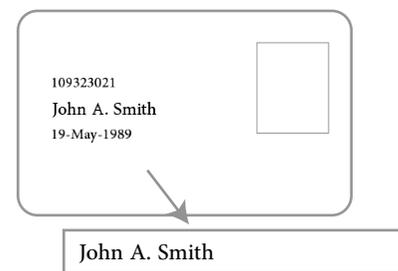
FieldBio's integrated barcode reader tracks 1D and 2D codes and QR codes for precision reading. Its 3-track reader supports every magnetic-stripe card on the market, for instant data collection

## Passports



Supporting the international standard of passport data, MRZ, FieldBio can scan machine-readable passports and travel documents from any jurisdiction, in seconds.

## OCR



Advanced optical character recognition [OCR] technology recognises text inside images and extracts data from all documents—even informal IDs that contain no smart chip or magnetic strip.



# State of Art Technology, **Exceeding Your Aspirations**



## **High Performance, High Endurance**

With advanced power management, and extended battery, FieldBio gives you the peace of mind for working long hours



## **Right in The Middle of Everything**

Supporting every feature possible, installed on one handheld device for instant ID verification in the field



## **Always Connected**

Works across standard Wi-Fi and mobile phone networks to keep your agents constantly connected



## **Licensed by Google**

Runs on Android and integrates seamlessly with your security apps and business applications



# Technical Specifications

Display	6-inch FHD+ touchscreen 2160*1080 pixels, 16:9 ratio, 432 PPI	IP rating	IP65, Anti-dust, Waterproof, Anti-Shock
OS	Android 9.0 or Above	Mobile Detachable	Yes
CPU	Octa-Core(2.0 GH) ARM-Based	Fingerprint Detachable	Fingerprint FAP30 can be replaced and detached
GPU	ARM Mali -G71 MP8	Charging	Support Fast Charging 5V/5A, 5V/2A or 9V/2A Wireless Charge 10w [Qi Wireless]
Memory	4GB RAM , 64GB storage	Fingerprint	IntegratedBiomatrics, High Resolution: 500 PPI Wide Sensing Area: 0.8" x 1.0" / 20.32 mm x 25.4 mm, Image Size: 400 x 500 pixels FBI PIV FAP 30 CERTIFIED Technology: Light Emitting Sensor (LES)
Camera	Rear Camera: Dual: 21 MP+21 MP Cameras F/18 large aperture, Dual Flash OIS(Optical Image Stabilization) Front Camera: Dual 8 MP+8 MP Cameras F/2.2 large aperture or better	Smart Card Reader	Compliant with ISO 781613/2/ LED LED lighting for secondary Battery status, Fingerprint Status
Carriers & Standards	2G GSM: 1900 / 1800 / 850 / 900 (B2 /3 /5 /8) 3G WCDMA: 2100 / 900(B1 /8) 4G FDD-LTE: 2100 / 1800 / 2600 / 900 / 800 (B1 /3 /7 /8 /20) SIM: Dual Sim Standby, Nano SIM + Nano SIM / TF Wi-Fi 802.11 a/b/g/n/ac, dual-band, DLNA, WiFi Direct, Hotspot Bluetooth 4.1	Barcode Trigger	Button to trigger the barcode to start reading
Positioning	GPS, GLONASS, Digital Compass	Barcode Scanner	Barcode scanner for 1D &2D, Support for QR-Code reading
Ports	USB 2.0, USB Type C	Passport Reader	Reader for passport MRZ standard
Battery	13000 mAh Li-ion Battery	Magnetic Card Reader	Magnetic Card Reader- 3 tracks
		NFC	NFC reader Compliant with ISO 14443
		Size	Height: 23cm, Width: 9cm, Depth: 3.5cm
		Weight	Maximum 580 grams
		SDK	Innovatrics IFace Mobile SDK Innovatrics ANSI & ISO Mobile SDK
		Other	Hand Belt in the back Single Hand Usage Supported



## Call Us Today!

To learn more about FieldBio, speak to one of our experts

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