

Mark 1

Election KIT (BVV / BVR)

THE WORLD'S ONLY COMPACT BIOMETRIC SUITCASE

Election Range

Product Description

The BioRugged™ Mark 1 is a versatile Biometric kit platform that has been developed to assist in biometric enrolment (e.g., for voting, National ID/Passport, or other identity programs), border control and law enforcement.

All BioRugged™ kits share a common platform and are laptop/notebook based and can be customized for the specific need of a customer. The kit can be deployed rapidly and with ease. It has a long endurance of 8 hours plus of continuous operations. The kit has various additional options that can be integrated to assist with any type of project and ensure successful implementation.

BioRugged™ Mark 1 kits have been deployed successfully in large scale in several projects globally, ensuring safe and secure customer enrolment and verification.

The Mark 1 consists of the following options:

- Rain and Shock proof case with an IP67 environmental rating
- BR Power Control with external and solar charging option
- Laptop / Notebook
- BR dual camera for Facial and Document images, LED lights
- Variety of Fingerprint solutions from single to slap
- BR Battery Control, charging batteries in and outside the kit
- All cables can be stored inside the kit
- Optional: Signature Pad
- Optional: Dual Iris binoculars
- Optional: Broadband communication
- Optional: Various MRZ document reader options
- Optional: Mobile foldable solar panels and car charger
- Optional: Additional battery
- Optional: for 1KV to 3 KV pure sign wave inverter generators (Petrol)
- Optional: 500Wh solar generator (Lithium Battery based)



Windows



FAP60 Fingerprint



CONNECTIVITY
(4G WIFI BLUETOOTH)



GPS



Camera



Rugged



Barcode scanner

Printer

- ▼ Printing method
80mm Thermal printer
- Processor
M3 32 - bit processor
- Flash
2048Kb RAM
- ROM
4 MB
- Display Screen
0.96inch OLED
- Battery
Removable 7.4v 1400mAh High Performance Lithium Battery

Laptop/ Notebook

- ▼ Processor
Intel i5 or higher processor
Optional (Qualcomm Octa Core 2.0 Ghz Android)
- O.S
Windows 11
- Memory
16 GB RAM, Up to 1TB SSD
- Ex-Storage
TF Card (Maximum support 256GB)
- Display
14 Inch 1920*1080 FHD IPS High Resolution
- Audio
Built-in stereo speakers 8Ω/1.0W*4
- Connectivity
WIFI 802.11ac/b/g/n, Bluetooth 4.2
- Interface
2*USB3.2 Gen1, 1*USB3.0; Type C Interface SDT

Protective Case

- ▼ Size
450mm x 350mm x 165mm
- Sealing
IP67

Backpack

- ▼ USE
Carry components and/or case
Typical configuration weight 14kg
- Sealing
Water Resistant

Camera System

- ▼ BR dual camera system
8 MP Auto Focus dual LED flash Face Camera
8 MP A4 document camera with LED light

Main Fingerprint in Case

- ▼ Method
LES / Optical
- Model
Integrated Biometrics FAP60 or FAP45.
Other options on request.

Battery

- ▼ Removable 300Wh lithium polymer battery
(8+ hrs) BioRugged Battery Control

Power options

- ▼ Additional 300Wh Battery with BR Battery Control.
- Solar Panel for direct-to-battery charging
- Power supply for in kit and direct-to-battery Charging (car adapter optional)

Signature Pad

- ▼ Signature pad
Solid and scratch-resistant Display shows signature while writing
- Screen
5" color TFT LCD with 2nd screen function, software controlled

Optional extras:

- Various MRZ and Passport reader options
- Dual Iris Binocular camera
- GPS and communication options
- Hidden USB drive option



About Us

BioRugged delivers solutions to an increasingly demanding global market of specialized devices. Our expertise resides in creating rugged Biometric enrolment or verification devices or a combination of both mobile operators, healthcare organizations and military are just a few of end- users for BioRugged terminals. For more details please visit: www.biorugged.com