BIO RUGGED

Mark 3

Election KIT (BVV / BVR)

THE WORLDS ONLY COMPACT BIOMETRIC SUITCASE

🧳 **Election Range**

Product Description

The BioRugged Mark 3 is the only Biometric Enrolment kit with a weight starting at less than 5 kilograms, this includes a removable Biometric tablet that can be used as a verification terminal after the enrolment phase.
The mark 3 enrolment solution was designed to be carried in a water and shock resistant backpack, not only does this protect the kit but also reduces the transport costs and risks involved when thousands of kits needs to be distributed across a nation.

A truly unique thermal card printer that prints and thermal ID card with NFC chip for secure remote card print a thermal is ideal for Voters cards chip for or temporary ID cards.

Main areas of use: Voter, National ID card enrolment / verification, Card issuance, census, refugee enrolment, KYC and many more.

The Mark 3 consists of the following options:

- Rain and Shock resistant backpack
- Mark 3 IP67 hard shell case with external charging
- Option for a Windows 10 or Android tablet with up to 8GB of ram and 500 Gigs of SSD storage
- NFC reader / writer with GPS, 4G, WIFI, LAN and Bluetooth
- 10 Mega Pixel Sony portrait Camera with LED lights with back drop
- Dual Iris binoculars
- Sign pad & A4 Document Scanner
- Thermal Card printer and barcode scanner
- Mobile , foldable solar panels
- Variety of Fingerprint solutions from single to slap
- 10 hours quick replacement solar battery pack
- Solar panels for battery and or kit charging
- Chargers, cleaning material , mouse and keyboard
- Option for PVC ID / Voters card printing.
- Option for 1KV to 3 KV pure sign wave inverter generators (Petrol)
- Option for 500WH solar generator (Lithium Battery based)

| Windows | FAP 60 Fingerprint | Android | CONNECTIVITY (4G WIFI BLUETOOTH) |
| GPS | Camera | Rugged | Barcode scanner |

Printer (NFC CHIP in Voters Card)

Printing method
Direct thermal line printing

Print width
2-inch (384 dots)

Resolution
203 dpi, 8 dots/mm

Printer speed
42-55mm/sec

Paper thickness
0.25mm

Printer life
50km

Main Fingerprint in Case

Method
LES / Optical

Model
FAP-50 (Five-O) or FAP-60 (Kojak) or (FAP45 Sherlock)

Backpack

USE
Carry All Components on back - total Weight 14KG

Sealing
Water Resistant

BioWolf Tablet

Processor
Intel 28350 Quad-core 64bits 1.6GHz Windows Optional (Qualcomm Octa Core 2.0 Ghz Android)

O.S
Windows 10 or Android

Memory
64GB ROM+8 GB RAM (3+32 or 4+512GB)

Ex-Storage
Micro SD (Up to 64GB)

Display
8.0inch IPS 1280x800 High Resolution Windows or 10innch 1920x1200 for Android

Camera
AF 8.0M Pixels with LED flash light

Battery
3.7v 10,000mAh rechargeable lithium polymer battery

Audio
Built-in microphone/Speaker

Connectivity
2/3/4/LTE Internet connection with GPS,WIFI and BT

Interface
MicroUSB/USB 3.0/Micro SD card reader

Sealing
IP65

NFC/HF RFID
Protocol ISO/IEC 14443A/B, ISO15693 Frequency 13.56MHz NFC type Type1-4Tag/Mifare/Felica

Built-in Fingerprint (Optional on Tablet)
**• Method LES For Windows, | Suprema FAP30 For Android
• Sensor IB Columbo or Suprema Fap30**

Image resolution
500dpi

Back-up Battery

Capacity
DC 8.4v 20,000Mah (Solar Charger Option)

Charge input
DC 12V 3A

Charger
Dual Charger cable for case and additional battery

Hard ShellCase & Extras

Size
450mm x 350mm x 165mm

Sealing
IP67

Weight
5KG

Solar
50W Solar with 22% efficiency

USB
2 x Hidden USB for additional storage

Sign Pad
Compact Sign pad to capture signature

Face Camera
8/10mp Sony icao camera stuur 36 LEDs

Document Scan
10 MP Document Scanner by Sony with LED

IRIS
Dual eye binoculars

About Us

BIO RUGGED

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