

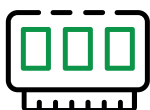
BR
BIO RUGGED



Mark Range

Mark 

6/128GB
(Optional) 8/128GB



Fap20/30
Fingerprint scanner



IP67
Protection



Complete enrolment, built for the field

The BioRugged Mark 7 is a rugged biometric kit for large-scale enrolment. With IP67 protection, solar charging, fingerprint and dual iris capture, it ensures reliable identity registration in the toughest environments.



Voter and ID enrolment



Civil and humanitarian registration



PC Specifications

Operating System:

Windows 10/11, Linux

Memory:

2 × SO-DIMM DDR5 slots, max 64GB,

DDR5 4800/5200MHz

Wi-Fi:

1 × M.2 slot for Wi-Fi, 2 × inner RF cables
(no external antenna)

Interfaces:

3 × USB 3.2 (10Gbps) 2 × USB 2.0

1 × USB Type-C 1 × HDMI 2.0

1 × DP 1.4, 1 × additional USB Type-C

Audio: Intel HD Audio Controller

Storage: 2 × M.2 slots for NVMe SSD

(SSD1 supports M.2 SATA)

Graphics: UHD/Iris® Xe Graphics

Processor: Intel Core i5-1235U/i7-1255U.

BR Document Camera system

BR 10MP physical pixels 8.0M), 12MP
is optional. Up to A4 ISO/IEC

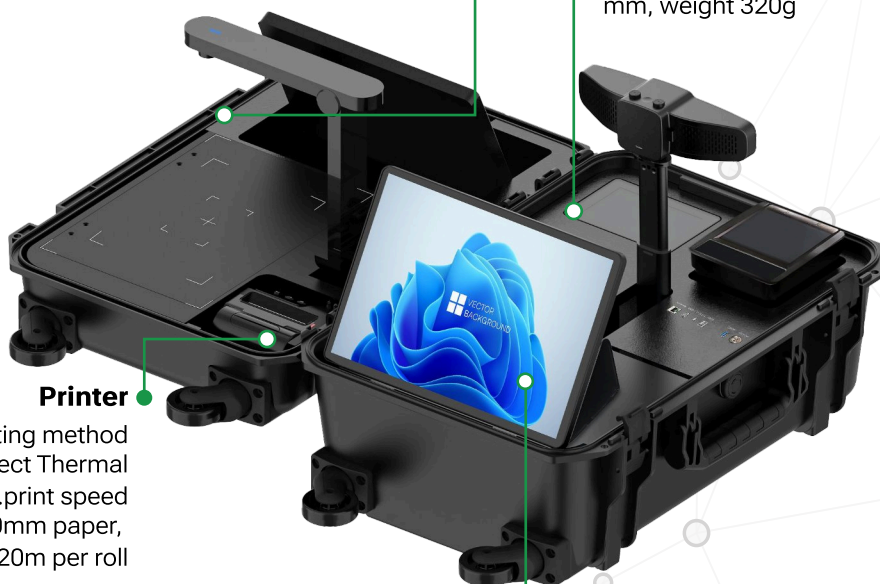
19794-5:2011 compliant images;

EMC Compliance: FCC Class B Image

Format : JPG/PDF/TIF/BMP/PNG

SignPad

Display: 800 x 480 LCD,
anti-glare, hard-coated (8H)
Pen: EMR technology, 1024
pressure levels, battery-free
Dimensions: 140 x 95.5 x 16
mm, weight 320g



Printer

Printing method
Direct Thermal
Max.print speed
80mm paper,
up 20m per roll

BR Face Camera system

8MP / 12MP with Sensor (1/2.8" / 1/2.3")
Portrait mode.

Adjust high
C#,java Sdk

Fingerprint scanner

Resolution
500 PPI

Supported Image Formats

RAW, JPEG2000, BMP, PNG, WSQ

Conformance

FCC/CE — FCC Part 15 (ANSI C62.4:2003)

Class A Method

IB Kojak (PL) — LES / Optical

12-inch portable External Screen

Size

310 × 210 × 10 mm

Audio

Built-in speakers: 2 × 2W

Interfaces

• Mini HDMI × 1

• Headset interface × 1

• Type-C (signal) × 1

• Type-C (5V power supply) × 1

Display

1920 × 1080 pixels resolution

14-inch portable external touch screen

Size

310 × 210 × 10 mm

Audio

Built-in audio

Speakers: 2 × 2W

Interfaces

• Mini HDMI × 1

• Headset interface × 1

• Type-C (signal) × 1

• Type-C (5V power supply) × 1

Display

Resolution: 1920 × 1080 pixels

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)



Mark 7



Highlights

- Rain and Shock proof case with an IP67 environmental rating
- BR Power Control with external and solar charging option
- PC i5-1235U/ i7-1255U
- BR Face Camera and Doc Cam System
- IB Kojak (PL) FAP 60 fingerprint scanner
- BR Battery Control
- All cables can be stored inside the kit
- 12 inch portable external display screen• 14 Inch external touch screen
- MOSIP compliant dual iris camera
- Anti-Vibration USB hub with USB 3.0
- Extension hub with Ethernet, HDMI and Type C interfaces• Epson L1259 A4 Inkjet printer
- 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)• Optional: GPS in Kit

Certificates



IP67 Waterproof
and 1.5m drop

About Us

BioRugged(TM) specializes in biometric systems with a strong focus on durability, ease of use and mobile devices. Our devices are rugged and affordable for both rural and urban deployment. Our solutions range from handheld systems to custom-built, mobile enrollment kits.

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