

BR
BIO RUGGED



Kiosk / Station

Marque 3.1 +

**80mm Thermal
Printer**



**Various Fingerprint
Options**



**3 x
Face Camera**



Complete biometrics. One workstation

The Marque 3.1+ is an all-in-one biometric workstation for large-scale enrollment. It combines a 12.3" touch display, triple-camera system, FAP60 fingerprint capture, signature pad, and built-in thermal printer—powered by Intel i5 or RK3588 for fast, reliable operation, making it ideal for:



Various enrollment and border control



Voting and civil biometric enrollment and verification



Display

LCD 12.3inch 720*1920
with full touch

Contact smart card Reader (Optional)

ISO7816 1-3

Sensors

Ambient light sensor,
Distance sensor

Ports

Outside
Type A X 1, Type C X 1,
RJ45 X 1, HDMI X 1
Inside
8 X USB3.0 HUB

MRZ (optional)

Signpad

5inch 2nd screen with 1024-level
pressure-sensitive
electromagnetic pen

Power

DC 24V 120wh

Camera sensor

Sony imx415(8.0M 1/2.8") or
imx577(12M 1/2.3")
Pixels Max 8m 3840(H)*2160(V) /
3840*2880
Video 2K 30fps
Focal length 0.5-1.8m
Video 2k 30fps
LEDS Total 96 les lamps
CCT 2000-6500k
Led control Software SDK
Status Green light on when the camera
is working

Printer

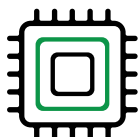
80mm thermal auto cut printer, Max
roll diameter 100mm

Barcode scanner (Optional)

Support internal 1D/2D scanner

Fingerprint

FAP 60 4-4-2



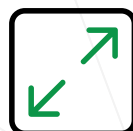
Processor

Intel i5 12530/RK 3588



Internal Memory

6GB/ 16GB
128GB/ 128GB



Dimmension

707mm(H) *380mm(L)
*296mm(w)



Android

13



Windows

Windows Pro 11



Weight

18kgs



Location

GPS, Beidou, Glonass, Galileo

Marque 3.1



Highlights

- **Processor Intel i5 12530/ RK3588**
- **Up to 16GB RAM, 128GB SSD**
- **Windows 11 Pro or Android 13**
- **12.3" full-touch LCD Display**
- **3 Camera System (IMX415/ IMX577)**
- **96-LED SDK Illumination -controlled lighting**
- **FAP60 (4-4-2) Fingerprint**
- **Signature Pad 5" EMR pen**
- **Printer: 80mm thermal auto-cut**
- **Status indication LED status indication**

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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