

BR
BIO RUGGED



Kiosk / Station

AIO 10 A

OMNIKEY
OK5125 Card
Reader



HID FAP 20 5200 Reader



*Rugged
IP65*



Strong in the Field. Smart at the Core

The AIO 10 is a rugged all-in-one biometric tablet designed for secure identification and data capture in the field. It features a 10-inch FHD display, FAP20 fingerprint sensor, front 2MP and rear 13MP cameras, MRZ and smart card reader, and an integrated 58mm thermal printer. Powered by: Android 14 with an Octa-core Cortex-A72 processor, Or Windows N150 it offers up to 12GB RAM, 256GB storage, and a 20,000mAh battery for extended operation. With IP65 protection and MIL-STD-810G compliance, the A10X delivers reliable performance in challenging environments.



Border checks and eKYC

Voter and ID enrolment



Refugee registration and card issuance

Printer

58mm/2inch Thermal printer

Screen

Tablet : 10 inch, 1920*1200
IPS resolution FHD,
Brightness : 500 lux

Processor

Cortex-A72 Octa-core (8 cores)
Up to 2.2GHz NPU 6Tops
N150

Protection

IP65 rating and
1.2m drop

Memory

4-12GBGB
combined RAM

Wi-Fi

802.11a/b/c/g/n/ac/ax
, 2.4GHz/5.0GHz, Dual band

WLAN

GSM /3G/LTE 4G

Storage

eMMC; 64GB-256GB total
storage

Ports

USB Ax 2
Type-C x1
TF Card x 1 (UP TO 2T)
RJ45 x1 100M)

Hidden x USB1,
Hidden x RS232
HDMI-A x 1
Micro SIM x1 support 2SIM is
optional)

NFC

RF Protocols: ISO/IEC 14443A/B,
ISO/IEC 15693, ISO/IEC 18092, NFC
Forum specifications.

Fingerprint reader

HID® DigitalPersona®
5200 Reader

Card Reader

HID® OMNIKEY® 5125 Reader
Board USB

Touchscreen

G+G Capacitive touchscreen,
Glove-touch support, Anti-fog
coating, Active stylus support

Operating System

Android 14
Windows

Sensor

G-Sensor, Light
Sensor, Gyroscope

MRZ

OCR315-E
USB OCR Swipe Reader

Accessories

Adapter Type C cable
Stylus Pen (Optional)
IP67 Transport Case

Bluetooth

BT 5.2

Location

GPS, BDS GLONASS
GALILEO

Speaker

1*2 SpeakerA (8Ω1W)



AIO 10



Highlights

- 10-inch FHD IPS Display – Bright and clear 1920×1200 resolution for field use
- Fingerprint Reader: HID® DigitalPersona® 5200 for fast and accurate biometric capture
- MRZ Reader: OCR315-E USB OCR Swipe – ICAO 9303 compliant
- Cameras: Front 2MP and Rear 13MP Autofocus for facial and document capture
- Processor Android: Octa-core Cortex-A72 CPU with NPU 6 TOPS
- Processor Windows: N150
- OTG supported
- Memory & Storage: 12 GB RAM , 64GB-256GB total storage
- Battery: 20,000 mAh internal battery for extended field operation
- Printer: Built-in 58 mm thermal printer for instant receipts and confirmations
- Connectivity: 4G LTE, Wi-Fi 6, Bluetooth 5.2, NFC, GPS
- Smart Card Reader: ISO 7816 compliant
- Rugged Design: IP65 water/dust resistance, MIL-STD-810G drop protection
- Card Reader: HID® OMNIKEY® 5125 Reader Board USB
- Carry Case: IP67 Custom Transport Case

Certificates



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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