BioWolf DEZ

BIOMETRIC · RUGGED · LIGHT · COMPACT

Wolf Range

Product Description

BioRugged(R) BioWolf DEZhas been specifically developed for the need of the officer in **law enforcement, elections and border control** environment. While it is designed with a border control workflow in mind, the highly integrated BioWolf DEZ can be used in any scenario that requires its Biometric and Document readings features in a truly mobile version.

The BioWolf DEZ combines a state-of-the-art MRZ reader with a dual antenna NFC reader so that eID or ePassport can read fully without moving the document. Document and BioWolf DEZ can be held in one hand, allowing the officer to flexibly react to situations. Its Biometric features include several fingerprint devices options from FAP20 all the way to FAP60, facial capture with dual flash lightning and capturing both Iris at once.

Rugged, durable, and equipped with a hot swappable battery system the BioWolf DEZ is surprisingly **light and versatile.**

HighLights

- Windows 10/11 & Android 12
- FAP 30/45/50/60 Fingerprint options
- Chip & Contactless Card Reader
- 3 Line MRZ Reader
- Dual Iris
- Intel(R) Pentium(R) Silver, N6000

Android · **Windows** · **CONNECTIVITY (4G WIFI BLUETOOTH)** · **MRZ reader**

GPS · **CAMERA** · **RUGGED** (IP65) · **FINGERPRINT FAP60**

Screen

- Sunlight visible (440cd/m²)
- 10.1" 10-16
- 1200*1920 IPS
- 10-point touch, G+G, 6H+ Anti-scratch

CPU

- Intel(R) Pentium(R) Silver, N6000
- Low energy (TDP 6W)

Memory (base config)

- 8 GB RAM
- 128GB (256 / 500GB Optional)

Software

- Windows 10 64bit, upgradable to Windows 11

Reliability (BioWolf DEZ base)

- IP65
- ML-STD-810G 1.2m
- Working temperature -10 to 50
- Storage temperature -10 to 60
- Humidity 95% non-condensing

Camera

- 2 MP front camera
- 13 MP rear camera, auto-focus, flash with diffusor

Built-In Speaker & Microphone

Battery

- 5000mAh, 7.4V
- Hot swappable

Connectivity

- Wi-Fi 802.11 b/g/n/a/ac dual frequency
- Bluetooth 4.2 (BLE)
- 2G/3G/4G (LTE)

Connectors

- Ethernet
- USB 3.0
- Headphone jack
- TF card

Document reader

- 3-line MRZ reader, non-swipe, OCR-B
- Smart Passport reader

Fingerprint options:

- Integrated Biometric FAP30, FAP45, FAP50
- Suprema FAP60
- Jenetric FAP60

Contactless card reader

- Contactless Dual Antenna Card Reader
- Up To 848 Kbps
- Iso 14443 1-4, Type A/B
- Mifare
- Ccid, Pc/sc 2.01

Contact card reader

- ISO 7816, PC/SC 2.01
- Up to 600kbps

Iris scanner

- CMOS image sensor, near IR-LEDs
- Capture distance 170-400mm, focal depth 60mm
- ISO19794-6

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.

www.biorugged.com