GridLer

iMatch

Identification and verification of people is globally getting more and more important.

Due to the terrorist attacks and the large amount of unidentified people who are crossing borders every day, governments face major challenges to secure national safety. Mobile technology can help to optimise border control and other law enforcement processes. GridLer developed an attachment for smart-phones and tablets called iMatch. iMatch provides state of the art technology for identification and verification of identi-ties. The device combines mobile fingerprinting, identity document verification and NFC / smartcard reading with an unique usability.

The iMatch is a light weight and compact device which helps law enforcement officers improve their processes of identifying and verifying people.
The iMatch is already used by 50.000 police and border control officers adding efficiency to their work.

The iMatch has an unique easy connect system using 4-point magnets and Bluetooth Low Energy. The connection between the smartphone and the iMatch is easy and secure. With a full SDK and software support, the iMatch can effortlessly be integrated into your smartphone or tablet applications. The iMatch is the perfect ID solution for border patrol, defence, police forces and customs.

KEY FEATURES

- Supporting all ICAO ID-documents (ID cards & passports)
- 500 PPI WSQ FAP20 Fingerprint scanner
- RFID/NFC (ISO 14443 Mifare)
- Contact smartcard (ISO/IEC 7810 and ISO/IEC 7816)
- Easy connection (BTLE)
- QI Wireless & USB charging
- Compact & Light weight
- 4-point magnetic connection
- LiPo 1.900 mAh battery
- SDK for Android & iOS

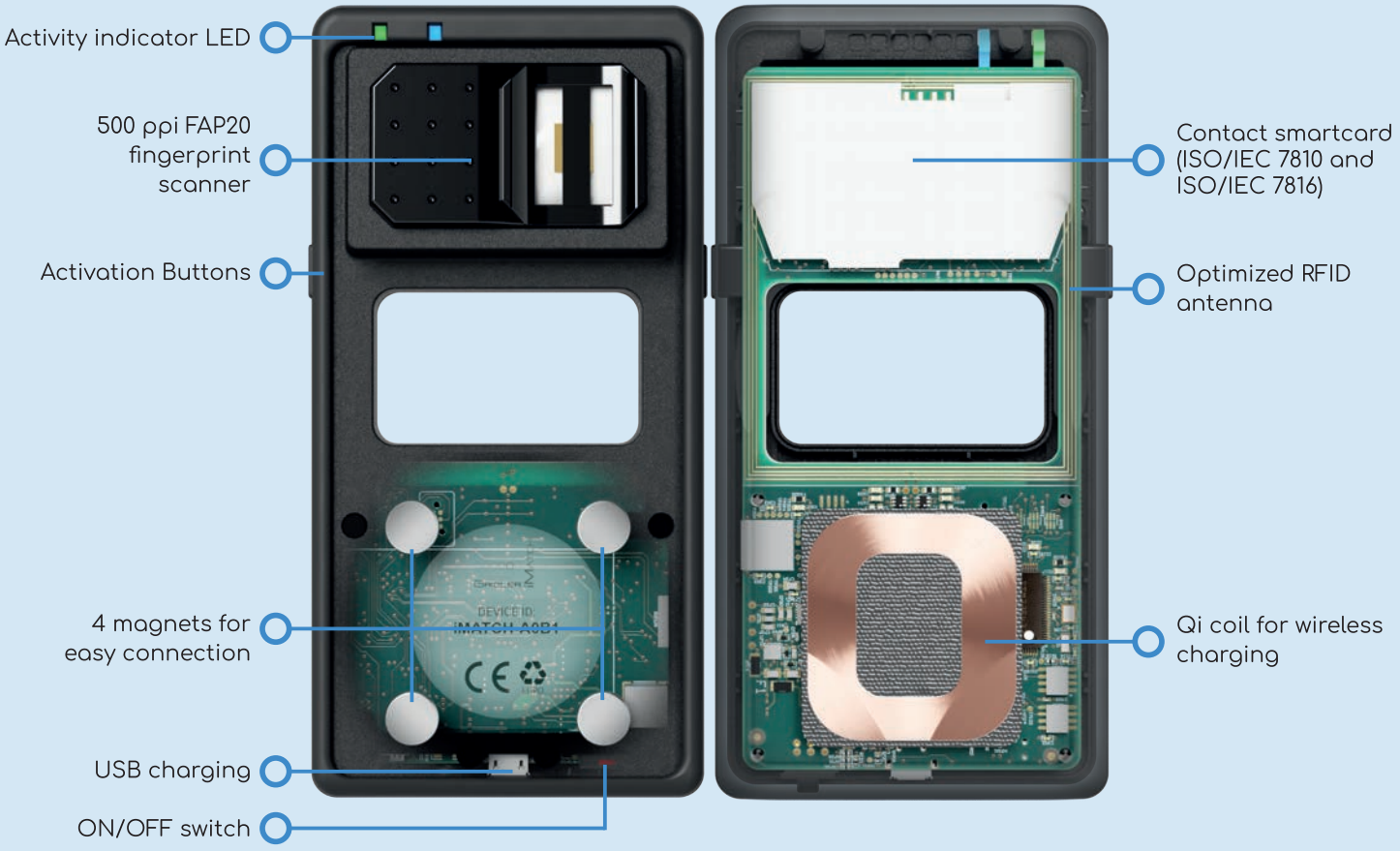
BLUETOOTH & SECURITY

The connection between the iMatch and a smartphone or tablet is easily established with Bluetooth Low Energy (BTLE). BTLE ensures 40% less battery consumption and connects easier than other Bluetooth solutions.

The iMatch is equipped with the special Atmel ECC508A chip and is therefor fully secure and tested by the Dutch ministry of Defense. It offers physical protection for sensitive content like keys and prevents Man in The Middle attacks to make sure sensitive information can not be sniffed.

iMATCH CONNECT

To improve the flexibility of users and to allow single handed use, a smartphone or tablet can be connected to the iMatch with a 4-point magnetic sticker. This sticker can be attached to the reverse side of any mobile device. The magnetic connection does not interfer with the day to day use of mobile devices.



SOFTWARE

The iMatch is compatible with Android operating systems 7.0 and higher and IOS 10 and higher.

An iMatch demo application for Android is available in the Play Store. Gridler also provides a Software Development Kit (SDK) for Android and iOS, including Cordova, to make integration into your applications easy.

Software and development support is available on request.

SPECIFICATIONS

Compatible systems	SDK Android 5.0+ / SDK iOS 10.0+
Weight	142 grams
Size	L: 142mm / W: 68mm / H: 18mm
NFC Reader	Integrated Mifare / DESFire reader
Fingerprint capture	500 PPI FAP20 WSQ / FBI PIV IQS certified
Contact smartcard	ISO/IEC 7810 and ISO/IEC 7816
Bluetooth	Bluetooth Low Energy (BLE)
LED feedback	Multicolour LED indication
Attachment	Magnetic 4-point connect / sticker
Charger 1	Micro USB
Charger 2	Qi wireless
Battery	LiPo 1900 mAh
Waranty	1 year

INFORMATION

Gridler's customer service is available for questions regarding orders, delivery, repair and for information about software integration.
Please contact us for any questions you may have regarding software development.
Excellent service and support is key at Gridler!

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For more info, go to:

- contact@gridler.com
- https://imatch.gridler.com