

Certgate AirID Mini keyfob Bluetooth reader



The AirID Mini is a wearable SIM-sized card reader in a keyfob style, with two buttons. The device acts as a robust housing for a SAM, a SIM-sized smartcard, that can be used as a key fob, removing the risk of FIDO tokens left in place. It transfers data securely over Bluetooth (BLE) or a USB connection.

The AirID supports Windows Hello login or Webauth authentication with password free, secure access for cloud and web services. With the right software solution it can extend the use of a SIM-sized smartcard, a proven 2FA (second factor authentication) technology, to the ever growing range of mobile devices which lack connections for card reading.

The Bluetooth interface on the AirID Mini is secured by AES256 encryption, after initial pairing for key exchange with each device.

The certgate AirID Mini can support single sign on across devices and applications, on Windows, Apple macOS, iOS, Android or Linux. It could also be used for email,

document or hard drive encryption. Includes a feature that enables an automatic log out whenever the reader moves beyond a preset distance from their device. The certgate AirID Mini is powered by a rechargeable battery.

Use the AirID Mini in conjunction with any SIM-sized smartcard to achieve IT security, even with mobile devices. Also available in a credit-card sized form factor (called the certgate AirID), if you use full-size smartcards rather than a SIM-sized security module.

Certgate part number 102200100000. If you need advice about the best smartcards to use in your roll out do speak to our sales staff.

There is an evaluation kit available to demonstrate Windows 10 logon, and certgate offer material to help with software development for integration with iOS or Android on their website.

A wearable SIM-sized Bluetooth card reader in key fob form, which forms a robust housing around any SIM-sized smartcard, for logon or other applications. Smartcard data will be transferred over Bluetooth (BLE) or USB.

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~903/certgate-airid-mini-keyfob-bluetooth-reader/p/index.shtml>

This Product Briefing has been produced by Dot Origin Ltd, the smart card experts behind SmartcardFocus.com. If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

AirID Mini Technical Specifications

Product:

Manufacturer: certgate

Credential type(s): Contact

Form factor: Portable, designed to be carried as key fob

Connector: micro-USB - USB CCID (Standard 2.0 Type A connector)

OS support: Windows 10, Apple macOS 10.15+, iOS 13+, Android 8+, Linux

Bluetooth Interface:

BLE interface standard: Bluetooth LE up to Version 5

BLE encryption: AES-256

Contact Smartcard Interface:

Contact interface standard: ISO 7816 for ID-000 cards (mini SIM card format)

Contact card types: Contact chip - SIM sized card, Processor cards (T=0 and T=1)

Data transmission protocol: T=0, T=1

Other Features:

NFC antenna: for NFC enabled dual interface (ID-000 mini SIM card via C4 and C8)

2 button operation: On/off (for battery saving), Settings such as signal strength, backlight and contrast, buzzer, preferred device pairing, separation between AirID and device that should trigger automatic logout

Display: 128 x 128 pixel LCD display

Status indicator: LEDs for Bluetooth connection, card activity and battery charge

Firmware in-field upgradeable: Yes, secure firmware update over USB

Certifications:

Manufacturer's warranty: 1 year

Type approvals: CE, FCC, RoHS

Country of origin: Germany

Physical:

Dimensions: 72 x 38 x 15 mm (2.83 x 1.50 x 0.59in)

Weight (±5%): 36g (1.3oz) AirID Mini only, 110g (3.9oz) including accessories

Power:

Battery power: Yes, rechargeable (default)

Battery life: 3 weeks (typical use)

Optional power supply

Manufacturer's part number: 102200100000

AirID 2 Mini Evaluation Kit

An evaluation kit includes:

- Certgate AirID Mini wearable Bluetooth keyfob card reader
- SIM-sized smartcard JCOP 2.4.1 R3 with GIDS applet and demo certificate
- Instructions to use this to demonstrate Windows logon

Evaluation kit - Manufacturer's part number: 102200190000



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