

Certgate AirID wearable Bluetooth card reader



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The AirID is a wearable card reader. The device acts as a robust housing for a smartcard, that can be worn (portrait or landscape) on a lanyard or clip. It removes the risk of cards left in devices. It communicates 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 corporate 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 is secured by AES256 encryption, after initial pairing for key exchange with each device. If your chosen smartcard has an RFID function this continues, uninterrupted by use of the AirID.

The certgate AirID supports 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 is powered by a rechargeable battery.

Use the AirID in conjunction with any smartcard to achieve IT security even with mobile devices. Also available in a keyfob form factor (called the certgate AirID Mini) if your ID takes the form of a SIM-sized security module rather than credit card-sized ID.

Certgate part number 102101100000. 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 card reader which forms a robust housing around any 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~902/certgate-airid-wearable-bluetooth-card-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 Technical Specifications

Product:

Manufacturer: certgate

Credential type(s): Contact

Form factor: Portable, designed to be carried on lanyard or clip (not supplied)

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

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

Data transmission protocol: T=0, T=1

Other Features:

RFID smartcards: RFID capabilities of inserted smartcard uninterrupted

Jog-dial operation: Settings such as signal strength, backlight and contrast, buzzer, preferred device pairing, work schedule (for battery saving), 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: 34 x 105 x 128 mm (1.34 x 4.13 x 5.04in)

Weight (±5%): 46g (1.6oz) AirID only, 140g (4.9oz) including accessories

Power:

Battery power: Yes, rechargeable (default)

Battery life: 2 weeks (typical use)

Optional power supply

Manufacturer's part number: 102101100000

AirID Evaluation Kit

An evaluation kit includes:

- Certgate AirID wearable Bluetooth card reader
- 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: 102101190000



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