



FORWARD THINKING IT SOLUTIONS

## Smart Card Readers for iPhones, iPads and Mobile Devices

**Feitian 301 Card Reader Series. Real Security in the Mobile Sphere.**

The Feitian 301 Smart Card Reader Family includes readers for iPhones and iPads, Bluetooth readers for Android, iOS and Windows as well as cases with integrated card reader for iPads. In addition, an NFC card reader for all mobile platforms is available.

### **iPhone and iPad: iR301U and iR301UL**

The readers iR301U and iR301UL feature an Apple Dock (U model) or a Lightning connector (UL model) as well as a Micro-USB connector for PC/Mac connectivity.

The smart card readers operate in conjunction with Apple devices but also as connected smart card readers for PCs and Macs. The required USB cable is included in the box. The iR301U/UL is the only card reader that users need, on the road or in the office.



Both models have an Apple-like design with a glass front and a metal back.

### **iPads: iR301U-C23, -CM and -CA reader case**

The smart card reader cases i301 fit the current iPad models:

- » iR301U-C23 reader case for the iPad 2/3
- » iR301U-CM reader case for the iPad Mini
- » iR301U-CA reader case for the iPad Air

The smart card is conveniently stored in the back of the case. To insert the iPad, the case can be opened, but will stay in one piece. Depending on the iPad model, a Lightning or an Apple Dock connector is available. All reader cases have a Micro USB connector for an optional USB connection.



The reader case protects the iPad logically and physically:

- » The case improves logical security by allowing smart card/PKI based security, such as strong authentication, data encryption and signature.
- » As an extra shell, the case protects the iPad against physical damages.

### Bluetooth Devices: Smart Card Reader bR301

The Bluetooth smart card reader bR301 supports iOS, OS X, Android and Windows operating systems. Thus, the reader fits to any usage scenario imaginable. The reader also features a micro USB connector and can be attached to a host via an USB cable.



The bR301 supports Bluetooth V.4 with low energy mode and AES data encryption. The battery has a run time of 8-10 hours and is user replaceable.

### Typical Technical Data for all Feitian 301 Smart Card Readers

- » USB 2.0 Full Speed Device
- » Compliant with PC/SC, CCID Standards
- » Support ISO-7816-1/2/3 T=0 and T=1 Protocol
- » Support ISO-7816 Class A,B and C Cards
- » Compliant with EMV Level 1
- » Software development kit (SDK) available
- » Conforms to MFI specifications
- » Supports Windows 2000+ / Linux / Mac OS X / iOS / Android (Support OTG)



The software development kit (SDK) allows an easy integration of the reader into apps and operating systems. The SDK supports iOS, Android, Linux/Mac OS and Windows.

The Feitian 301 reader models suit customers where security concerns are the most salient and satisfies the demand for flexible solutions for ID authentication, e-commerce, e-payment, information security and access control.

### Why Feitian?

Feitian was founded in 1998 and has been focusing on products and solutions for strong authentication, software protection as well as secure e- and mobile banking. With over 300 R&D engineers, 500 patents and more than 100 million units shipped, Feitian is the market leader in China for e-banking security products. Ergonomics Europe started distributing Feitian products in 2011.

### aR530 NFC Mobile Reader Audio Jack

The aR530 is a NFC contactless smart card reader specially engineered to accommodate a wide range of NFC applications. With the integrated battery, the reader works more than 8 hours in full speed and 24 hours in stand-by. The battery can be charged via the Micro USB connector.



The aR530 works with Android and iOS mobile devices. Reader and device are connected via the 3.5mm audio jack or the Micro USB connector.

The aR530 reader firmware is upgradeable for improved encryption. All major contactless smart cards are supported:

- » ISO 14443 type A and type B
- » Mifare
- » Felica