




## PIN Secure Card Reader



eALEAT PIN Secure Card Reader is an “easy to plug and play” USB Card Reader. eALEAT is the Electronic Platform of Aleat Sh.p.k, the company producing Albanian ID cards and biometric passports, on behalf of Ministry of Internal Affairs in Albania, now offering electronic identification and trusted services through use of Albanian ID Card.

PIN Secure Card Reader offers secure PIN to all authentication and digital signing transactions and as well has other features such as the function of a calculator and e-purse. Secure PIN means that the PIN code is not transmitted in the computer, but is encrypted in the device.

eALEAT platform offers three main services and this PIN Secure card reader can satisfy all the following:

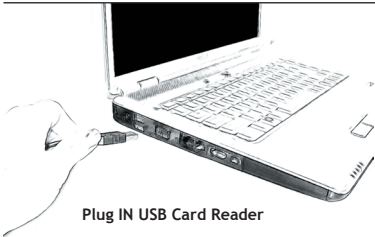
eALEAT Services		Service Description	PIN Secure Card Reader
1.	Authentication 	Authenticates the ID card owner with the ID Card (match on card) through PIN code entry.	✓
2.	Authentication & DATA 	Authenticates and provides the same ID Card owner data as in the ID card electronically with owner's authorization through PIN Code entry.	✓
3.	Digital Signature 	ID Card Owner can electronically sign electronic documents and electronic signature is legally correct and accepted as per Albanian Legislation.	✓

### Compatible with eALEAT Services:

Currently eALEAT Services work with Windows XP and Windows 7 Operation Systems and the following browsers (Internet Explorer, Mozilla Firefox and Google Chrome). Please consult the Aleat website [www.aleat.al](http://www.aleat.al) Section Card Reader for more information on actual updates.

### How it works?

eALEAT PIN Card Reader is easy to install in any PC or personal computer. No need for additional drivers, just connect the USB cable into the PC/laptop and it will be able to work with eALEAT Platform. Test your Card reader and the eALEAT Services at the [www.aleat.al](http://www.aleat.al) section of Card Reader. This card reader will read the chip of the Albanian ID Smart Card. Please refer to the picture shown below to see what side to insert the ID Card.



Detach USB Card Reader



Insert ID Card into Card Reader

### Technical Features

SPECIFICATIONS		HOST& SMART CARD INTERFACE	
Base Model Number	APG8201 PinHandy1	Host Interface	USB 2.0 (full speed)
Color	White with Blue Cover	Transmission Speed	12 Mbps
Keypad	20 Silicon Rubber Keys	Standards	ISO 7816 Class A (5 V), T=0 and T=1
LCD Display	Graphical LCD	Supported Card Types	Full-Sized microprocessor cards, ISO 7816 Class A
Weight	49 g	Smart Card Detection	Automatic detection of smart card type
Power Supply	Powered by USB Port	Short Circuit	+5 V/GND on all pins
Standalone Batteries	2x batteries CR2032 (replaceable)	PC / SC Driver Support	Server 2003, 2008, 2008 R2, 2012
Durability	100,000 insertions		Linux, Mac ® OS X (Intel),
Other Features	Calculator, e-purse		Android 3.1 and above
Operating Temperature	0-50 °C	Compliance / Certification	MasterCard CAP, MasterCard AA4C/PLA, Visa DPA, EMV Level 1, CE, FCC, CCID, RoHS, ISO 7816, PC/SC 2.01
Operating Humidity	10-90% rH		

### Warranty:

Aleat Sh.p.k. gives warranty 6 months from purchase date as per receipt.