



APG8201

PINhandy Smart Card Reader



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Card & Reader Technologies

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1. Product Overview
2. Product Features
3. Product Value
4. Product Application



Product Overview



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APG8201 PINhandy

APG8201 PINhandy is a portable, low-cost, and hand-held smart card device which supports Secure PIN Entry (SPE) to assure safe PIN entry and PIN change while connected in a personal computer to perform various authentication applications.





Product Features



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Product Features



USB Host Interface

USB Full Speed (12 Mbps)
Protocol: USB CCID

Card Type Support

Full-sized Smart Cards
ISO 7816 Class A
MCU with T=0 and T=1 Protocol

Smart Card Interface

PC/SC
CCID
Secure PIN Entry (SPE)

Operating System Support

Windows®, Linux®, Mac OS®,
Android™*



Other Features

Firmware Upgradeable
Built-in Calculator

Built-in Peripherals

Dot Matrix LCD
16 characters x 2 lines
Keypad: 14 keys

EMV Card Support

MasterCard® CAP/DPA
VISA® DPA

Certifications/Compliance

EN 60950, EMV™ Level 1,
PC/SC 2.01 Part 10 (SPE),
CE , FCC, RoHS 2,
Microsoft® WHQL

Supported Languages

English
French
Traditional Chinese
Simplified Chinese



Product Value



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Cost-effective

A powerful and durable reader which is also price competitive.

Portability

A device that you can easily carry around anytime, anywhere. One of the smallest PIN-pad readers in the market.

Flexible

May be used either as a USB smart card reader or a one-time-password generator.

e-Banking Safety and Confidence

Compliant with major computing, banking, and safety standards.



Product Application



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Product Application



Sample Application



User browses an online website for any transaction



Attach Contact Card Reader to terminal



Insert the Contact Card Input PIN in keypad



Once user authentication is verified, the website will allow the transaction to continue



User transaction successful





Thank You!

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