



APG82-Pinhandy OTP generator



Product Information ✚

Fraud on credit and debit cards has a high financial cost to card holders, banking industry and society, which can reach billions of dollars annually. And most of the financial cost is largely borne by the banking industry, which is immeasurable! To fight against fraud, reduced incidence and cost of chargebacks, APG82 PINhandy OTP generator will be what you are looking for.

APG82 PINhandy is a compact, completely standalone, low-cost, handheld smart card device that contains a numeric keypad and a display. It manages not only OTP (One Time Password), but also challenge-response and Transaction Data Signing. Certified with stringent international standards as Mastercard® Card Authentication Program (CAP) and VISA Dynamic Passcode Authentication (DPA) and EMV Level 1, you can use the device in various payment and bank applications.

Using two-factor authentication, the cardholder inserts the EMV payment card (something you have) in the APG82 PINhandy, enters the PIN (something you know) using the device keyboard. After that, a dynamic one-time password is generated and showed on the APG82 PINhandy display. Cardholder can then use this password to perform secure online transactions, telephone orders or e-banking logons.

APG82 PINhandy has no physical connection to the cardholder's internet authentication device like PC, Macintosh, or smart phone. The unconnected mode of APG82 PINhandy makes it impossible for hackers to steal the sensitive information in the card. Also, as a standalone device, specialized programming like software drivers is not required.

Technical Specification ✚

- . Operate in unconnected (standalone) mode
- . Tactile keypad with silicon rubber keys (10 numeric plus 4 function keys)
- . High-contrast, 16-character, 2-line LCD (character format: 5 x 8 dots)
- . Powered with 2 AAA replaceable batteries.
- . Intelligent battery management for a life expectancy of 5 years (depending on usage)
- . Compatible with ISO-7816 Class A,B,C (5V, 3V,1.8V) cards
- . Support of T=0 and T=1 MCU cards
- . Support PPS (Protocol and Parameters Selection) with 1743 - 250,000 bps in reading and writing smart cards
- . Manage OTP (One Time Password), challenge-response and Transaction Data Signing Tamper-evident seal to indicate unauthorized intrusion
- . Compact and handheld size: 81.00mm (L) x 72.90mm (W) x 15.27mm (H)
- . Light and portable weight: 35g (without batteries); 60g (with batteries)

Typical Applications✚

- . Home Banking and Home Shopping
- . E-commerce
- . Telephone orders