



APG8201 PINhandy One-time Password (OTP) Generator

To reduce card fraud and theft in the banking industry, the handy solution offered by the APG8201 PINhandy is the answer. The PINhandy is a pocket-size, handheld smart card device that can securely generate one-time passwords (OTP), PKI/digital signatures and challenge-response based authentication codes using the secret keys stored in the EMV banking cards.

The APG8201 PINhandy uses two-factor authentication, wherein a cardholder inserts any EMV card to generate a one-time password by entering a card PIN. It is specially designed to safeguard users from the Card-not-Present (CNP) fraud and Man-in-the-Middle attacks and utilizes Challenge/Response and Transaction Data Signing modes.

The APG8201 PINhandy is compliant with major banking, computing and safety standards. It is also capable of Secure PIN Entry (SPE) making the APG8201 PINhandy that you can trust for your banking applications!



Standard Features

Operation mode	
Standalone with 2 CR2032 Batteries	✓
USB Connected	✓
Smart Card Interface	
PC/SC	✓
Secure PIN Entry (SPE)	✓
CCID (USB Connected Mode)	✓
Contact Card Support	
ISO7816 (Class A, B, C)	✓
MCU Cards (T=0, T=1)	✓
Memory Cards	✓
Dimension	
95mm (L) x 60mm (W) x 11mm (H)	

Certifications/Compliance	
Mastercard® CAP	✓
Mastercard® PLA	✓
VISA DPA	✓
EMV Level 1	✓
CE, FCC	✓
RoHS	✓
WHQL	✓
Human Interface	
High-contrast, 16 Char, 2-line LCD	
Tactile Keypad with 17 Silicon Keys	
Monotone Buzzer	

Typical Applications

- ✓ Electric Commerce
- ✓ Home Banking
- ✓ Home Shopping
- ✓ E-purse Applications
- ✓ Identification
- ✓ Network Access Control
- ✓ VPN Connection

