106 *series*

Embedded Electronic Display Card
Dynamic Password Cards Provide Strong Authentication

Fraud continues to skyrocket for online transactions with simple static passwords – which have been deemed inadequate. Static passwords are easily compromised, lost, difficult to keep track of and vulnerable to various forms of attacks ranging from key loggers and fake websites that steal your passwords to other forms of electronic brute force attacks.

Financial organizations and corporations alike are being required to secure online access to their networks. The use of two factor authentication is proving to be a successful method of protecting you during online transactions. Hence, organizations are being instructed to use multifactor authentication as a way to reduce fraud and offer security protection to you.

Features
- Slim card form factor able to store in wallet
- Easy to use button triggers response and one time password
- Large and bright Numeric display
- Convenient to use
- Enhance trust in online transactions
- No card reader necessary

Benefits
- Print your logo and promote your brand
- Increased mobility
- Multiple functionality
- Easy to deploy
- Increases trust

The FFIEC* states that single factor authentication is inadequate for high risk transactions involving access to customer information or movement of funds. This requirement has led the way for organizations to implement strong authentication in the form of two-factor authentication. Two-factor authentication consists of something you know – PIN, username, password, etc, and something you have – Display Card with the one-time password (OTP). This OTP is used only once and a new one must be used the next time you attempt to log in. The Display Card from NagraID Security provides you with OTP technology that fits in your wallet; convenience and security together in one package.

* Federal Financial Institutions Examination Council FIL-103-2005

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Security that is Convenient and easy to use

The stylish Display Card from NagraID Security is produced with vibrant customized artwork in a familiar credit card form factor. The Display is a high contrast LCD screen with superb readability designed for maximum brightness in all types of lighting. It comes with an instantaneous refresh rate and the data is able to scroll across the screen providing access to large amounts of information.

Your Display Card provides strong OTP security and greater convenience for you by simply carrying it in your wallet. In order to access your online account, go through your normal process and type in the unique numeric password generated by your Display Card.

By using your OTP Display Card and not just static passwords, you have confidence that hackers are not able to gain access to financial accounts even if they know your name and static password information.

The NIDS106 Series comes standard with OATH algorithm; open-reference architecture. With OATH platform, NIDS Display Cards are designed to be interoperable to provide flexibility in solution development and deployment. It allows for strong universal OTP authentication solutions that are implemented by over 50 of the leading authentication providers today. OATH also supports a variety of algorithms such as event-based (HOTP), time-based (TOTP).

Product Comparison Table

	106eu	106tu	106es	106ts
*ISO 7810 Physical Dimensions	✓	✓	✓	✓
OEM Branding / Custom Artwork	✓	✓	✓	✓
3-Year Warranty[1]	✓	✓	✓	✓
Mifare UL Protocol (ISO 14443 Type A3)	✓	✓		
Contactless Payment (ISO 14443 Type B)			✓	✓
Secure RFID Personalization			✓	✓
Event-based Authentication Mode	✓		✓	
Time & Event Authentication Mode		✓		✓
**Embossing	✓	✓	✓	✓

e : *Event based*   **t :** *Time based*   **s:** *Secure element*   **u:** *MIFARE Ultralight*

1. Standard Warranty comes with 1-Year or 5K OTP; Extended 2-Year or 10K OTP and Premier 3-year or 15K OTP are available cost options

* Features can be customized according to customer specifications.
** For Thermal Transfer, Embossing, Laser Engraving and Indent Printing templates, please discuss with your Sales contact.

Note i : *Storage Temperature* **-20°C to +40°C.** *(Ideal storage temperature is* **1°C to +10°C** *)*

OPTIONAL FEATURES

Card Features
- **Magnetic Stripe:** 2 or 3 Track
- **Oersted:** 300 or 2750, Optional Customer Specific
- **Signature Panel:** Non-Secure; Secure
- **Hologram:** Non-Secure; Secure
- **Contact Chip Embedding:** Customer Specific
- **Printing:** State of the art offset, screen & variable imaging technologies

Personalization Options
- Thermal Transfer**
- Laser Engraving**
- Indent Printing**
- Magnetic Stripe Encoding
- Contact Chip Perso
- RF Chip Perso

Why NagraID Security?

NagraID Security, a leader in embedding electronics in plastic cards has led the way in manufacturing and developing OTP authentication devices in a credit card form factor. The technique of encapsulating electronics into ISO card form factor is a patented process that NagraID Security has perfected with its ambient temperature lamination technique. With more than 1 million flexible OTP Display Cards on the market, NagraID Security has opened a universe of new possibilities for financial institutions, enterprises, health care companies and governments.

NagraID Security offers protection that is simple and convenient for you to use. The Power Embedded Display Card can combine one time password technology with payment, banking and access control as primary applications. The product comes standard with OATH algorithm (www.OpenAuthentication.org) which is interoperable with several leading authentication providers, however other proprietary algorithms can be implemented.

54mm

85.6mm

CE   UL   FC

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