

## Product(s) Data Sheet

# 306 series



## Powered Display Card with Touch Keypad

The static passwords you use today to access your online accounts are not secure. As identity theft and monetary fraud continue to escalate, online security is a major concern for you and the institutions that are responsible for your online transactions. User acceptance is crucial to the success of any security implementation so it is imperative that the solution allows you to conveniently and confidently access your online accounts from anywhere; knowing you are protected.

### Next-Generation Token Here Today

Introducing the NIDS 306 Series: a Powered 6-digit Display Card with a integrated 12-button touch keypad; packaged in a convenient and familiar card form factor. NagraID Security's 306 series credential offers strong security with a touch keypad packaged in an easy to use format. The innovative touch keypad allows for various onboard applications such as PIN activation, challenge response, and access to critical applications. The 306 Series can function as a One Time Password credential, physical access card, contactless payment device, or secure network access. The 306es and 306ts incorporate a secure contactless interface to load an OS, application, custom algorithm, key files, etc through ISO 14443 Type B protocol. These advantages enable multiple application loading and functionality on a single card. This means that your sensitive data and personal information is safe and secure.

### Simple to Use and Effective

The NIDS 306 Series can be printed using custom artwork, corporate logos and a broad color palette. The thin, flexible and robust credit card form factor is readily recognized and accepted by the general public and can be carried in a wallet along with other plastic cards. The high contrast LCD display with an instantaneous refresh rate provides superb readability in varying light conditions; the NIDS 306 display also supports the scrolling of large data strings.

# Technical Specifications

# 306 series

## Easy to Deploy

The NIDS 306 Series comes standard with the OATH algorithm, an open-reference architecture. The OATH platform allows for strong, universal OTP authentication solutions and supports a variety of algorithms such as event-based (HOTP), time-based (TOTP), and challenge response (OCRA) solutions. It is designed for native platform support so the NIDS 306 Series can easily be integrated into existing identity and access management systems with over 50 of the leading authentication providers. The cards are available with CAP, OATH and customer specific algorithms .

The compact card form factor, negates the need for bulky packaging and expensive shipping. The NIDS 306 Series comes in four configurations: **306e, 306es, 306t, and 306ts.**



## Product Comparison Table

	306e	306t	306es	306ts
*12-button Touch Keypad	✓	✓	✓	✓
*Custom Algorithm / Application(s) <sup>1</sup>	✓	✓	✓	✓
OEM Branding / Custom Artwork	✓	✓	✓	✓
3-Year Warranty <sup>2</sup>	✓	✓	✓	✓
Secure RFID Personalization			✓	✓
Contactless Interface(ISO 14443 Type B)			✓	✓
Mifare UL Protocol (ISO 14443 Type A3)	✓	✓		
Event-based Authentication Mode	✓		✓	
Time & Event Authentication Mode		✓		✓

1. Standard product uses OATH platform; custom algorithms/applications can be developed for proprietary systems.  
 2. Standard warranty 1-Year or 5K OTP. Extended 2-Year warranty or 10K OTP and Premier 3-year warranty or 15K OTP are available at additional cost.  
 \* Features can be customized according to customer specifications.

**Note i :** Detailed qualification test reports are available, please contact the sales representative.  
**Note ii :** 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

\*\*For Thermal Transfer, Laser Engraving and Indent Printing templates, please contact the sales representative.

### Personalization Options

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

## Why NagraID Security?

NagraID Security is the global leader in the design, development and manufacture of embedded electronic plastic cards including the implementation of one-time password authentication electronics in a credit card form factor.

The more than one million NagraID Security Powered Display Cards in the market today were produced using our patented lamination process. Our technology, engineering resources and manufacturing capabilities enable a universe of new possibilities for diverse enterprises including governments, financial institutions and health care organizations. NagraID Security solutions provide robust and cost effective protection in a simple and convenient form-factor.

The NagraID Security Powered Display Card one-time password technology can be combined with multiple applications such as payment, banking and access control. The standard product is packaged with the OATH algorithm ([www.OpenAuthentication.org](http://www.OpenAuthentication.org)) which is interoperable with many leading authentication providers; alternatively proprietary algorithms can be implemented on the NagraID Security Powered Display Card platforms.

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