

# 200e

Event Based with EMV authentication



The premier One Time Password token in a traditional form factor

# 200e

## Event Based Authentication Card

### Embedded Electronics Card

NagraID Security is a pioneer in the development of a unique patented process used to embed sensitive electronics and active components into a credit card form-factor. One of the most prestigious products developed by NagraID Security is a card with a display. This card is the logical evolution of the One Time Password (OTP) token existing in the market for nearly fifteen years.

Over 250 millions such tokens are deployed globally by banks and enterprises to secure their online and virtual private network (VPN) access.

The one time password (OTP) token is used by banks to upgrade the security level of online authentication. In addition to the traditional log in and password the bank further secures the authentication by requesting a one time password (OTP) generated by the token.

By transforming this token into a card-form factor, NagraID Security has opened a universe of new possibilities for financial institutions, enterprises and governments. The embedded electronics card, by combining one time password technology with payment, banking and other functionalities, now provides John Doe with a familiar and convenient tool for securing online access.



**The NIDS 200e is an event based, One-Time Password (OTP) security credential built on a Common Criteria EAL5+ microcontroller platform packaged as an ISO 7810 dimensioned plastic card. The chip is compliant to ICAO and EMV 2000 specifications and can be configured for contactless payment, seeding after manufacture and customer specific applications. The NIDS 200e can be produced with custom artwork designs, corporate logos and sophisticated graphics as well as other features as outlined below. Cards produced and personalized at NagraID Security are processed in strict compliance with EuroPay, MasterCard and Visa (EMV) logical and physical security regulations governing the manufacture, data-management and personalization of card products and devices.**

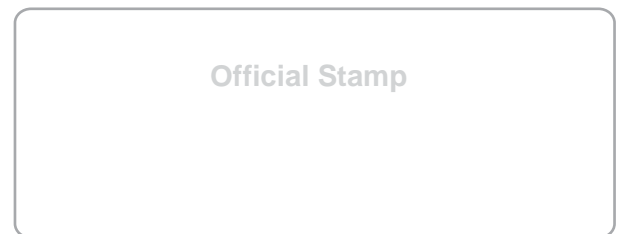
Card Specifications	Standard	Option
Onboard Security Algorithm	Oath HOTP	Customer Specific
Physical Card Dimensions	ISO 7810	Customer Specific
Warranty	1 Year/5K OTP	Extended 2-Year/10K OTP, or Premium 3-Year/15K OTP
Certifications	CE & UL	Customer Specific
Number of OTP Digit	Six (6)	
On Board RFID Protocol	ISO/IEC 14443 Type B	Customer Specific
Platform	EAL5+ Compliant w/ ICAO & EMV 2000 Spec.	EMV; Payment Function; Custom Applications
Display	Black on Gray	Customer Specific

Detailed qualification test reports are available, please discuss with your Sales contact.

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

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

\* For Thermal Transfer, Embossing, Laser Engraving and Indent Printing templates, please discuss with your Sales contact.



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