

# MasterCard® Information Display Card

## 526 Series



The new MasterCard Information Display Card manufactured by NagraID Security is the **world's most advanced payment display card**, with groundbreaking features including **dual interface, dual OTP, total expenses, account balance and transactions history**.

The dual interface enables both contact and contactless communication with the display circuit.

Dual OTP enables generation of two different passcodes on a single device to protect two different services such as E-Banking and E-Commerce.

On card access to vital account related information such as balance, total expenses and transactions history allows cardholders to maintain control. From its familiar credit card form factor, to the use of standard EMV infrastructure, this card has been designed for rapid user adoption and seamless deployment.

### Benefits for Cardholder

- Access account information anytime/anywhere
- Avoid denied transactions
- PIN protected Dual OTP (added security)
- Touch keypad enables Challenge Response, Transaction Data Signing (OCRA / MasterCard CAP)
- Anytime / anywhere access (convenience)

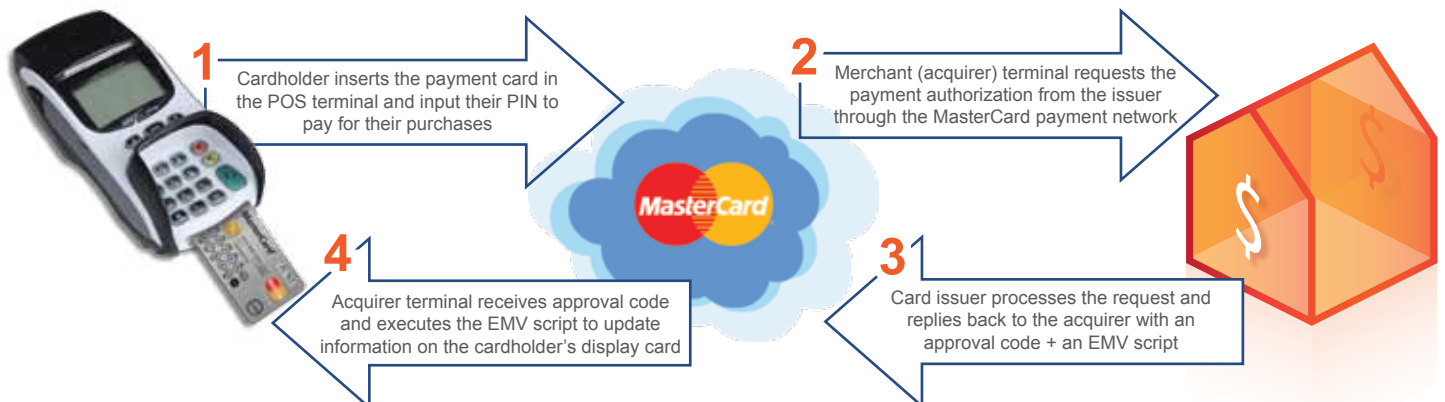
### Card Features

- Dual interface
  - Contactless PayPass
  - Standard EMV
- Account balance (debit card)
- Available credit / total limit display (credit card)
- Funds remaining (prepaid / gift card)
- Total expenses, transaction history, loyalty/reward points, alerts, marketing messages/campaigns, etc.
- Dual OTP generation
- 12-digit Touch Keypad with PIN protection

## How the Card Works

The single button version of the MasterCard Information Display Card can simply be activated by pressing the power button on the face of the card to display the cardholders account information. The multiple button version comes equipped with a built in 12-digit TOUCH Keypad which provides an added layer of security, requiring a PIN to be entered into the card before accessing personal account information. The optional PIN provides peace of mind, ensuring the user of the card is in fact the authorized cardholder.

**Standard EMV chip technology is used to update the information every time the card is authorized online:**



## 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.

The NagraID Security Information Display Card is just as convenient and works exactly like any standard payment card, with the added benefit of providing a strong two-factor security and minute information at the cardholder's fingertip.

The new Information Display Card is available in two versions:

- **Single Button**, easy to use with information display capability and generation of OTP.
- **Multiple Button**, enables enhanced functionalities such as protection of card by a PIN, easy navigation of the various available information mode and Challenge/Response transaction signing (MasterCard CAP), dual OTP, dual interface.

### Single Button



### Multiple Touch Button



## Product Comparison Table

	Single Button	Multiple Button
*ISO 7810 Physical Dimensions	✓	✓
OEM Branding / Custom Artwork	✓	✓
3-Year Warranty <sup>2</sup>	✓	✓
14443 Protocol (Type B3)	✓	✓
1 Mechanical Button	✓	✓
12 Touch Keypad		✓
**Embossing	✓	

1. Standard product uses OATH platform; custom algorithms/applications can be developed for proprietary systems
2. 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, 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. 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](http://www.OpenAuthentication.org)) which is interoperable with several leading authentication providers, however other proprietary algorithms can be implemented.

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