

ENSIGN 11 & ENSIGN 11 NFC

More than *Writing*

Versatile Signature Pad for the
Digitization of Handwritten Signatures,
Biometric Signatures and a Multi-Touch
Presentation Screen.



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ENSIGN 11 & ENSIGN 11 NFC

ENSIGN 11 and **ENSIGN 11 NFC** speed up and **simplify your business document signing processes, thus ensuring their legal compliance.** Your clients will be able to sign directly on the pad with a digital pen, generating a signature with legal probatory value.

Its **10.1" screen** allows you to view and navigate the entire document displayed on the screen efficiently, thus significantly improving the user experience.

Thanks to its **2,048 pressure levels**, the highest in its range, it can detect the pressure and movements executed by the pen through advanced biometrics (biometric functions available with additional software).

All the Potential of NFC Technology in a Pad

ENSIGN 11 NFC pad has a NFC reader, making it a **hybrid and versatile tool for collecting handwritten signatures**, providing different levels of security.

NFC functionality is fully integrated into the pad, allowing you to read and interact with electronic documents such as eID and passports, act with smartphones, tablets, and other NFC- enabled devices. Thus, opening a new horizon of efficiency in workflows related to your business processes.

Innovative Technology for a Top Performance

ENSIGN 11 and **ENSIGN 11 NFC** are both **designed and developed by Euronovate in Switzerland** and assembled in China at a state-of-the-art technopole in Shenzhen. Their innovative technology is guaranteed by an attentive **Production and Quality control supervised by European personnel** in accordance to Western Tooling Standards.

Both models share the same general technical features. ENSIGN 11 NFC brings to Euronovate pads range the NFC technology, a set of communication protocols for sharing information between two electronic devices over a distance of 4 cm or less.



NFC Technical Features

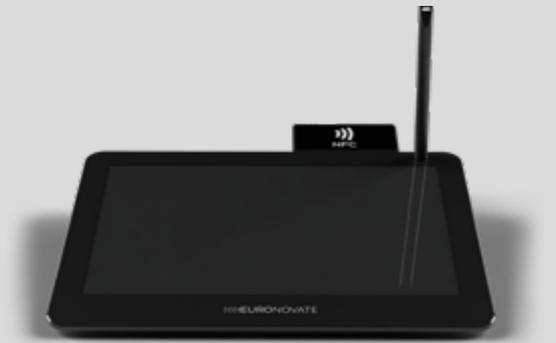
- ▶ **NFC Reader-Writer** based on a high-performance NFC controller, supporting all NFC Forum modes (reader/writer, peer to peer, card emulation).
- ▶ **Supported transmission modes:** NFCIP-1 and NFCIP-2, ISO/IEC14443, ISO/IEC 15693, MIFARE and FeliCa.

Security and Data Protection

- ▶ **Proprietary patent** which fulfills the national and international highest safety standards for the Electronic Signature.
- ▶ Strong protection of sensitive data through its **special encryption engine** (different type of encryption for different kinds of transaction).

ENSIGN 11 NFC

360° View



Front View



45° View



60° View



Side View

Signing Documents with **ENSIGN 11**



As a **STAND-ALONE DEVICE**, it captures a digitized simple signature that can be used to **sign any document in electronic format that does not require the highest probatory value**, such as acceptance of general terms of service, privacy consent, vacation request, purchase request, travel authorizations, among others.

With a compatible **BIOMETRIC SOFTWARE SET UP**, such as **ENSOFT 2**, the device detects not only the graph but also biometric data, for instance, coordinates, pressure and time, acceleration and speed of the signature, **enabling advanced electronic signature with high probatory value**, and the required trust level to sign documents in the private and public sector, for example: an insurance contract, the opening of a bank account, or a tax return statement.

Signature Applications

ENSIGN pads provide simple or advanced electronic signature, depending on the level of security required in multiple transactions developed in different industries, among which we find:

- ▶ **Customer Onboarding** | *Banking*: new account opening, credit card issuance, bank lending. *Healthcare*: patient consent agreement. *Hospitality*: customer check-in and check-out.
- ▶ **Mobility Operation** | expanding the business reach to the underserved population with equipped agents instead of using a high-cost solution, like opening a new branch.
- ▶ **Teller Transaction Management** | *Banking*: cash deposits and withdrawals, transfers preparations, clearing checks, etc. *Retail*: vendor supplier agreements, purchase forms, non-disclosure agreements. *Healthcare*: medication dispatch in pharmacies.



Multi-Touch Presentation Screen

Enabled through a dedicated driver, **ENSIGN 11 & ENSIGN 11 NFC** become a **versatile second screen**.

Its multi-touch screen is perfect for creating multimedia content using the pen or the fingertips. Real-time changes can be viewed instantly by other users in remote.

It acts as a **virtual whiteboard**, where the user can customize different kinds of projects such as presentations, notes and drawings. Among its applications we can find:

- ▶ **eLearning:** Perfect tool for teachers and students to create and share educational content, shaping an engaging and interactive learning experience. [Read EN 11 Edu brochure](#) | [Watch Video](#)
- ▶ **Commercial tool:** Sales pitch aid for sales departments during in-person or remote meetings, with its versatile compatibility, it is the ideal tool for carrying out presentations.
- ▶ **Work Team Collaboration:** It facilitates remote collaboration and instant feedback among colleagues through shared professional presentations, meetings and notes.



Display Marketing Content & Collect Customer Feedback



When integrated with biometric software, such as ENSOFT 2, ENSIGN 11 and ENSIGN 11 NFC become an **interactive engagement asset for the promotion of the bank's marketing messages in-branch** through its screen saver function.

It displays personalized promotional messages, video clips, slide shows and web pages during waiting times, optimizing the customer experience.

Customers can interact with the pad, filling up surveys and writing comments, giving instant feedback about their degree of satisfaction.

As a marketing tool, ENSIGN pads save time and resources by **collecting valuable information about customers and giving visibility to the bank products** and offers.

Technical Features

General Specifications

- ▶ **Dimensions:** (W x D x H) 253 x 182 x 8 (h min, front) / 18 mm (h max, back)
- ▶ **Weight:** ca. 650 gr
- ▶ **Power supply:** USB bus powered
- ▶ **Communication interface:** USB 2.0
- ▶ **Power consumption:** 4W (operating mode), 0.25W (sleepmode)
- ▶ **Supported Operating Systems:** Windows 10 / 8 / 7 / Vista / XP (ex. x64 version)

Touch Panel

- ▶ **Panel:** Capacitative sensor Multi Touch

LCD Screen

- ▶ **Display:** IPS TFT
- ▶ **Screen size:** 10.1" (217 x 136 mm)
- ▶ **Aspect ratio:** 16:10
- ▶ **Resolution:** 1280×800
- ▶ **Colours:** 16.7 Millions
- ▶ **Brightness:** 200 cd/m²
- ▶ **Contrast Ratio:** 800:1
- ▶ **Viewing angle:** 170°/170°
- ▶ **Cover glass:** Tempered Anti glare, etched surface



Signature Specifications

- ▶ **Technology:** Electromagnetic resonance (EMR) Cordless, battery-free pen
- ▶ **Pressure levels:** 2048
- ▶ **Resolution:** 2540 lpi
- ▶ **Force applicable:** 30–500 gr.
- ▶ **Movements flying detection:** up to 10mm
- ▶ **Signature software compatibility:** ENSOFT 2 and most third-party software platforms

Hardware and Software Security

- ▶ **Data communication:** AES-256 bit encrypted communication between tablet and PC
- ▶ **Hardware security:** USB cable not detachable from the device, anti-spoofing
- ▶ **Anti-theft:** Slot for Kensington lock

Implemented Technologies



Wireless communication
in close proximity



Digitization and Automation
of Physical Data*



Near Field Technology
with pin-point accurate
stylus inputs

*Requires a Software and Hardware Combination

About Euronovate Group

Euronovate Group is a leader in Digital Transformation and Trust Services. Its mission is to **provide businesses with the tools for Digitalization, streamlining and future-proofing all business processes through an innovative end-to-end approach**, guaranteeing national and European regulation's compliance.

The Group's broad product portfolio comprehends a combination of **proprietary software, hardware for Digital Onboarding, Electronic Signatures, Trust Services, and a set of Customized solutions** focused on the specific requirements to fulfill the necessities of each market in an all-in-one experience, with no third parties.

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