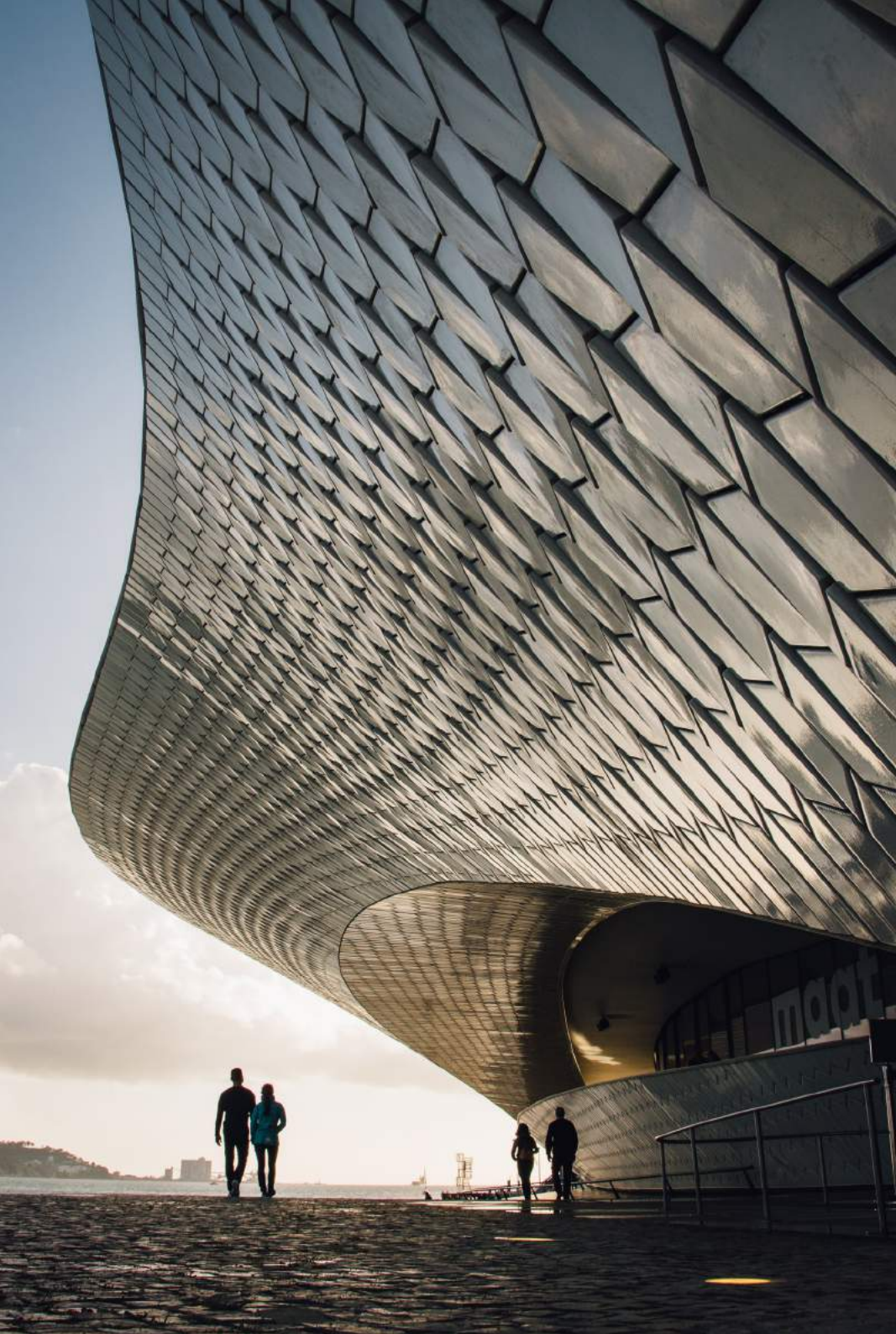


# NextAccess Devices

Electronic Devices with touch screen  
for access control

intemo



## Identification devices for an intelligent space & people management

Designed for the installation in environments where different levels of security are required. They guarantee in an efficient way the security and a dynamic access control.

The **NextAccess** range incorporates solutions for the variable demand flows in the access permissions, and **provides an homogeneous** and centralized management in buildings that require an **ease on integration and scalability**.

Specially indicated for access controls that are found inside the perimeter area, as well as **offices, files, data processing centers (DPC), and other areas with access to critical or sensitive resources**.



# NextAccess Devices

The **NextAccess**, **NextAccess-QR** and the **NextAccess-BIO** devices are of surface application, they incorporate an **interactive touch screen** of 3,5" with an intuitive and easy to use navigation interface, a **QR reader** and an **optical biometric sensor**.

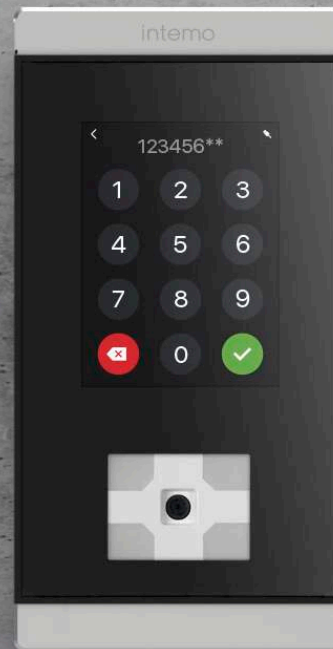
They have an internal relay for the activation of external elements and an **opto isolated input** for the signal detection.

They can work according to **different operating modes**, with the use of fingerprint biometrics, contactless, bar codes/ QR's and by **combining different technologies**.

NextAccess



NextAccess-QR



NextAccess-BIO



# Design & Technology

Essential design of high sensibility and advanced aesthetic, suitable to different contexts of use.

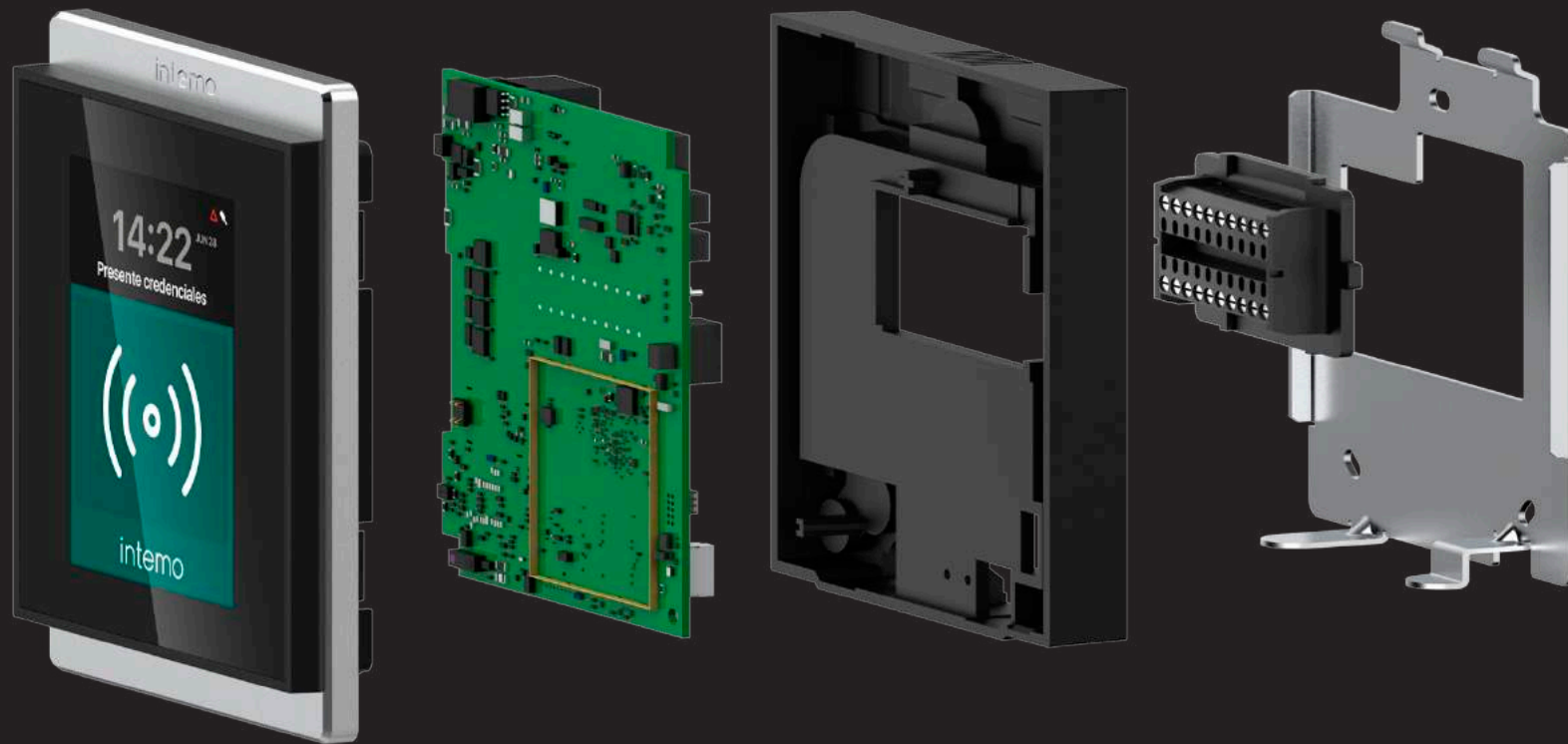
Developed by the electronic design department of **Intemo Technologies**, under the most strict procedures and **ISO9001** production standards, and in collaboration with the design agency **Benedito Design**, Design National Award.

Material and technology configure a compact unit in which all the details have an insured value.



All the elements that make up the devices meet all the demanding criteria of use and durability: machined aluminum by CNC, optical glass, LED

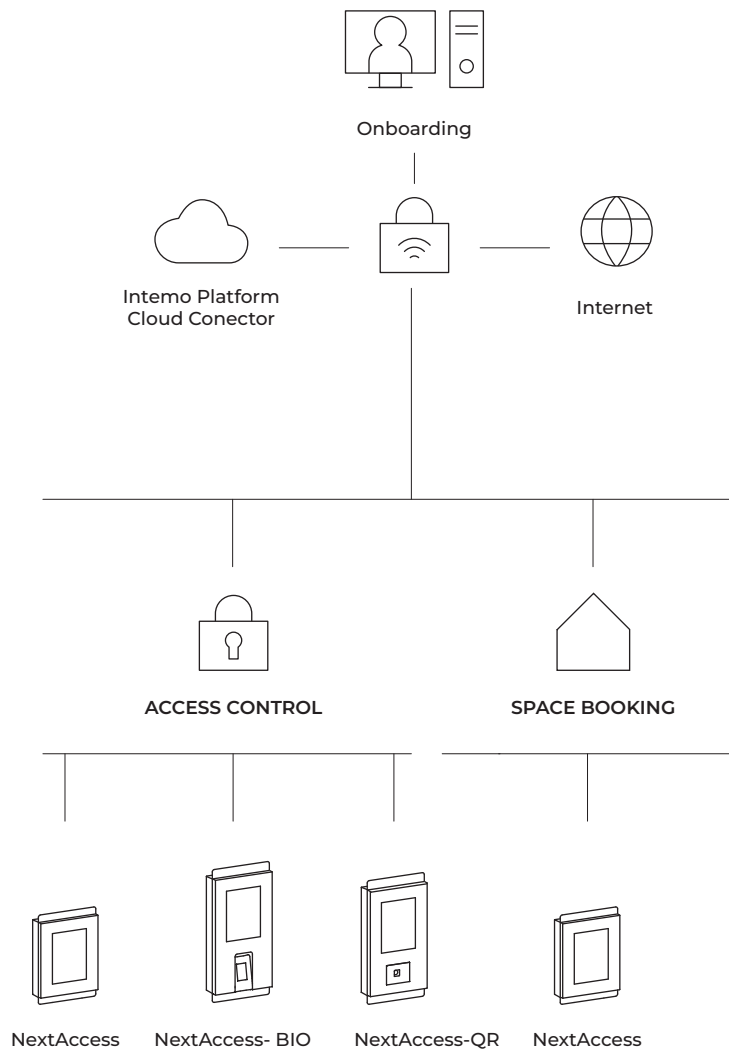
multi color illumination system, ABS plastic and stainless steel, that configure an homogeneous set of integrated nature.



# Intuitive and easy to use interface

- Alarm
- Date & hour
- Messages
- Iconographic menus
- Personalization with the corporative identity of the client





## Operating modes

It incorporates the **last innovations in security identification systems**. **Hardware for card identification** and key security storage that allow **increase the security** in the validation permit process and in the access subsystem communication.

### In network

A centralized management of the access permit connected through **TCP/IP** and **BUS CAN**.

### Multi technology support

They work with the **ContactLess technologies** and tags of most widely deployed in the market, with multi application capacity that offers the maximum guarantee of security, reliability and capacity.

### Card types

HF cards of 13,56MHz Mifare® / Desfire® / ICode® types.

for the **access validation** and **security keys** are **found**.

### Card profiles

The **NextAccess** devices configuration for the use of new cards or existent cards is **realized in a very easy way** thanks to a very powerful tool for the profile definition, on which it is configured the type of card, UID, sector or application where the data





## Options and accessories

Intemo offers the **NextAccess Devices** with different options, accessories and configurations on request.

### Biometrical sensor

All the **NextAccess-BIO** device include biometric up to 500 users and on request options with capacity up to 3.000, 5.000 or 10.000 users.

### Corporate image

Possibility of introducing the integrators or clients logo by configuration of the screen of the device itself.

### Final touches

Adaptation on request, in different colors for the finishes of the anodized aluminum frame.

### Accessories

Possibility of adapting the device in any requested solution by the project, panel support, or frames with different designs, among others.

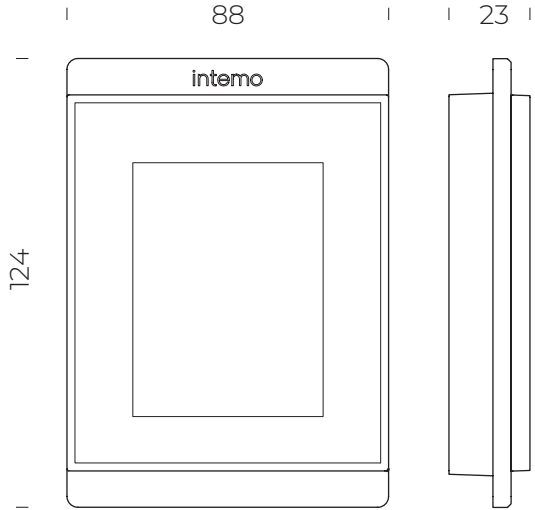
### Safe relay

The door opening can be configured in an independent way from the device through the entrance and exit SecureIO input expanders.

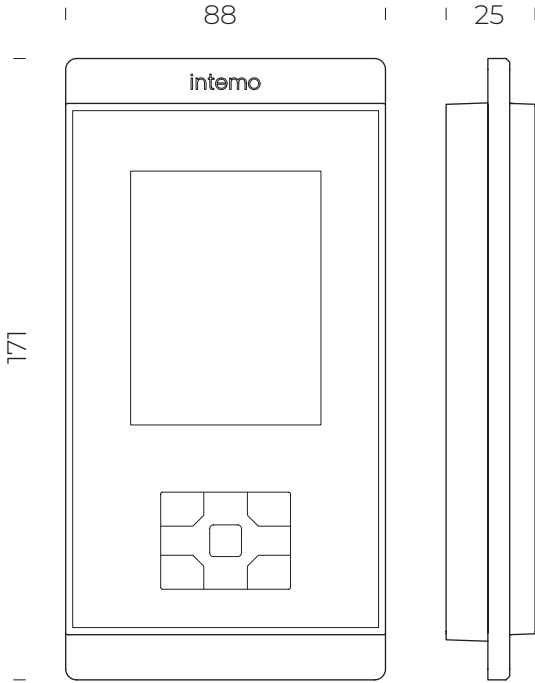


# Dimensions

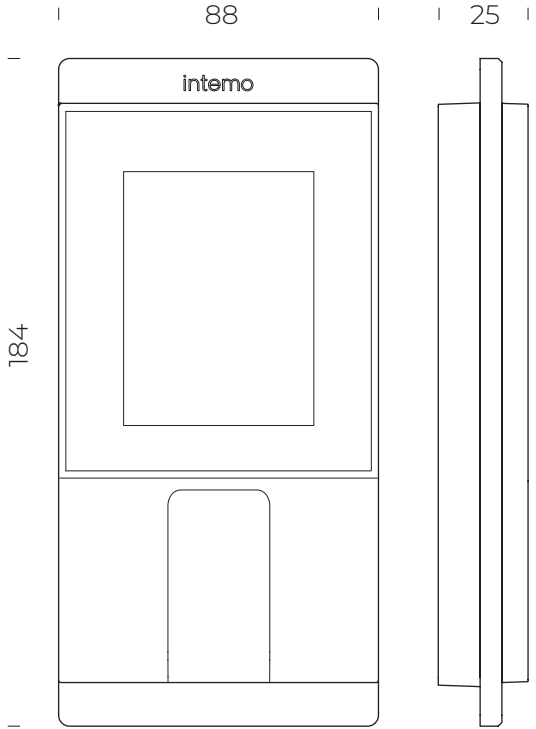
NextAccess



NextAccess-QR



NextAccess-BIO



# Technical specifications

<b>Screen</b>	Tactile 3,5" capacitive screen with adaptive backlight
<b>Interfaces</b>	Ethernet TCP/IP, BUS CAN
<b>Memory</b>	RAM 1Gb DDR3, and capacity for 8 Gb flash eMMC
<b>Outputs</b>	1 switchable relay for the control of external mechanisms
<b>Inputs</b>	1 opted isolated input
<b>Cards</b>	HF 13,56MHz, Mifare® / Desfire® / ICode® cards.
<b>Power supply</b>	12 V DC. / POE
<b>Security</b>	Criptográfico core AES-128, DES 3DES, ARC4, MD5, SHA-1, SHA-224

## Barcode reader

Scanning technology of last generation.

Scanner of reduced dimensions (45 mm x 34 mm)

Oriented to the code lecture from any smartphone and tablet.

Wide scanning angle and optimized for the scanning of short distance.

Image sensor 640 x 480 CMOS

White LED lightning

Notifications: Buzzer

## Barcode reader 1D y 2D

### 1D:

Code 128, UCC/EAN128, AIM128, EAN-8, EAN-13, ISSN/ISBN, UPC-E, UPC-A, interspersed 2 to 5, ITF-6, ITF-4, Standard 25, CodaBar, Industrial 25, Code 39, Code 93, Code 11, Plessey, MSI-Plessey, GS1-128 (UCC/EAN-128), GS1-Databar™ (RSS) (RSS14, RSS-Limited, RSS-Expand, Matrix 2 to 5

### 2D:

PDF 417, Micro PDF 417, Código QR, Micro QR, Data Matrix, Aztec, Maxicode

# Technical specifications. Biometrics

## Fingerprint biometrics

Image compression through the WSQ algorithm of the FBI/ NIST.

Extraction of the biometrics characteristics to generate templates.

The extraction of characteristics is compatible with MINEX/FIPS 201

Proprietary template formats available ROP, ISO 19794-2 or ANSI 378.

The templates can be stored in the internal data base of CBM

Biometric comparison compatible with MINEX/FIPS 201

Authentication 1:1 or identification 1:N

High accuracy: The rate of false acceptations (FAR) is configurable until  $10^{-8}$  (depending of the security requirements) and it maintains regardless of the number of users in the data base.

CBM implements a function of anti latency that detects the traces of reactivated fingerprints under certain light conditions.

The CBM module is capable of guarding the relative data to the fingerprint (image or template) in a secure way.

### Disposes of multiple security principles:

- Symmetric and asymmetric keys. Key derivation, hash algorithm, aleatory number, generator, etc.
- Encryption of images and templates for the sake of confidentiality.
- Template signature (rule X9.84) to guarantee the origin and the integrity of the data sent to the host system.
- The communication canal between the CBM and the host system can be protected using the safe Tunnel or Offered security mode.

Matching velocity: 0.6s in 1:1 mode / 0.7s in 1:500 mode

Optional number of users: 3K, 5K, 10K

# Complements to identification systems

**Intemo** puts in disposal for their partners and clients a broad range of solutions and products that allow to complete any **access control, coding professional solutions** and **card emission projects**.

**Professional software for the access management:**

- Cards and tags RFID
- Mifare®
- Desfire®
- ICode®
- BM HiCo/LoCo
- Criptográficas (PKI)
- Accessories for cards (covers, tweezers, tapes,...)
- Card readers with PC connection

**Printers**

**Consumables**





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