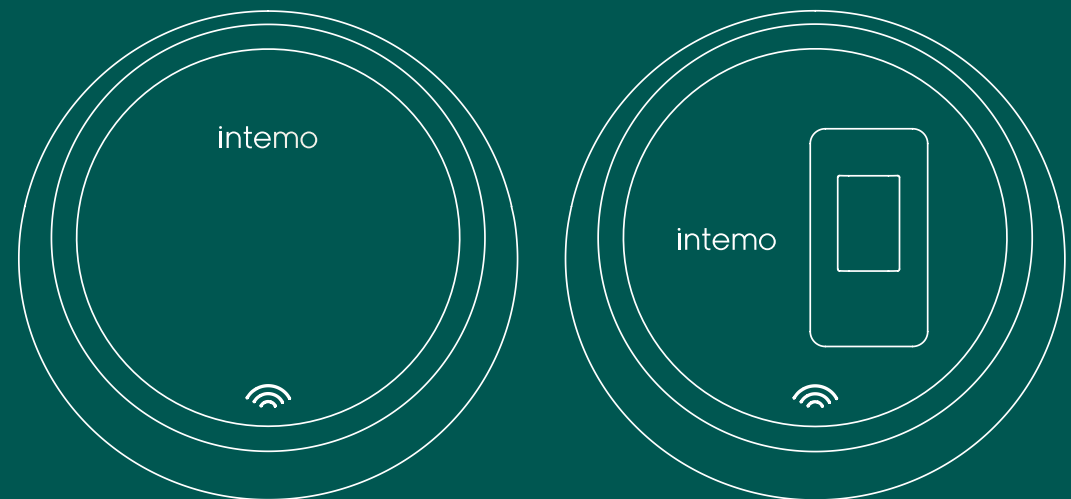# RFID Device-ID & BioRFID Device-ID

One Tap, One Touch, Full Registration

Electronic user enrolment devices

intemo

Register, identify and enrol with total security.

Identity management is now more secure and efficient, offering two authentication options: **NFC card** or **biometrics**.

intemo

Secure and efficient identification

Uncompromising security

With authentication via RFID cards, NFC tags, or biometrics, registration is precise and error-free.

Seamless usability

It works wherever and however you need it to.
Its straightforward integration enables a smooth experience, free from interruptions or complex configurations.

Unrivalled reliability

Always ready. Designed for stable, consistent performance, it ensures efficient and reliable identity management.

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RFID Device-ID & BioRFID Device-ID

Designed to suit your needs

Fast and secure enrolment with RFID Device-ID and BioRFID Device-ID

*For efficient user management, **RFID Device-ID** and **BioRFID Device-ID** enable instant enrolment using **NFC technology** and **biometrics**. These devices automatically capture user data, generating user profiles and associating credentials that can then be used in **Intemo Technologies**' access control systems.*

Companies and corporate offices

- Used for the enrolment and registration of employees and visitors, guaranteeing controlled and authorised access.

Events, trade fairs, and shows

- Instant access credential generation and control of restricted areas.

Educational centres

- Student and staff enrolment for identification purposes in access control systems and for the management of shared resources, such as libraries and IT zones.

Fitness centres and sports facilities

- Automatic linking of membership cards to provide a seamless experience.

Consolidates accurate registration and authentication.

Its technology enables secure and efficient enrolment in both attended and unattended environments, delivering an integrated and agile identification experience.

RFID Device-ID

BioRFID Device-ID

RFID Device-ID

Accurate identification: RFID and NFC technologies enabling precise and efficient user registration.

Desktop reader/writer combining **contactless** and **NFC** technologies in a single device.

Operates at 13.56 MHz, connects to PC, and is compatible with end-user environments.

Complies with ISO 15693 and 18000-3 standards to ensure reliable performance.

Supports ID-1 cards, all types of RFID tags, and even NFC-enabled smartphones as credentials.

Contactless

Attended management at reception

Registration and enrolment point

intemo

RFID Device-ID & BioRFID Device-ID

BioRFID Device-ID

The ideal fusion: Biometrics and RFID for enhanced security and easy enrolment

Desktop **biometric scanner** featuring advanced fingerprint recognition algorithms.

Equipped with a high-performance sensor (500 dpi and 256 grayscale levels) that captures details with precision.

Supports image output in RAW format, ISO 19794-4, or WSQ compressed.

Provides a comprehensive solution by combining fingerprint authentication with contactless access via RFID.

Contactless

Fingerprint biometrics

Attended management at reception

Registration and enrolment point

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Technical specifications:

Dimensiones

RFID Device-ID:
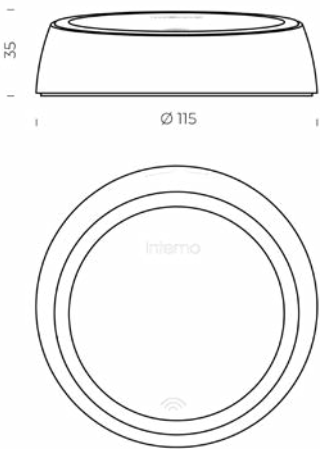
BioRFID Device-ID:
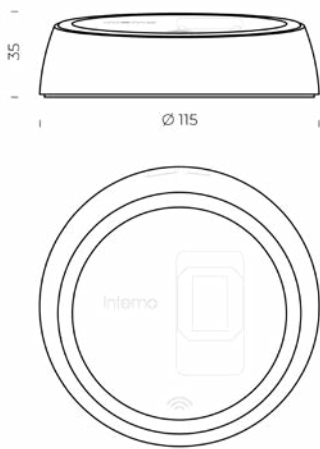
Host interface	USB 2.0 Full speed (12Mbps)
Contactless according to	ISO/IEC 14443 A and B | ISO 18092
Chip support	Mifare® (Classic, Ultralight, Ultralight C, Mifare® PLUS, Desfire® EV1 2/4/8K), FeliCa, Calypso, CD21, NFC Forum tag types 1/2/3/4, my-d move SLE 66Rxxo, my-d NFC-SLE 66RxxPN, SLE 6RxxS, SLE 55RxxE
Tag reading frequency	13,56 MHz
Data transfer rate	106/212/424/848 kbps (depending on the IC card)
Reading distance	Up to 40 mm (1.575 in), depending on the card chip and antenna size.
Antenna	Integrated
Power	External 12V power supply
Operating temperature	Operating temperature from -20°C to 70°C
Power	Up to 95% RH
Status indicator	Bi-colour LED: Red/Green
Firmware	SmartOS. Features automatic firmware updates.
Battery consumption	< 200 mA, excluding Smart Card; < 500 mA in standby mode

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Technical specifications: Biometrics

Fingerprint biometrics

Image compression using WSQ algorithm of FBI/NIST.

Biometric feature extraction for template generation.

MINEX/FIPS 201 compliant feature extractor.

ISO 19794-2 or ANSI 378 proprietary template formats available.

Templates can be stored in internal CBM database.

Biometric matching compatible with MINEX/FIPS 201 1.

1:1 authentication or 1:N identification.

High precision: false acceptance rate (FAR) is configurable up to 10/-8 (depending on security requirements) and is maintained regardless of the number of users in the database.

CBM implements an antilatency function that detects reactivated fingerprint traces under certain lighting conditions.

CBM module is able to store fingerprint data (image or template) in a secure manner.

Including multiple security principles:

- Symmetric and asymmetric keys, key derivation, hash algorithm, random number generator, etc.

- Encryption of images and templates for confidentiality.

- Template signing (X9.84 standard) to guarantee source and integrity of data sent to the host system.

- The communication channel between the CBM and the Host/Distant System can be protected using Secure Tunnel or Offered Security mode.

Matching speed: 0.6s in 1:1 mode / 0.7s in 1:500 mode.

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

Our apps
The full experience

Intemo Technologies offers integral or modular solutions through its app Intemobile Access, driving digital transformation with features such as **access control, visitor management, time tracking, and space reservations.**

Access control
- eCard (QR and NFC)
- Remote opening with CCTV viewing
- Car park opening (BLE)

Reservation of spaces and services
- Meeting rooms
- Desks
- Lockers
- Car park
- Vehicle charger

Time management
- Remote and in-person clock in
- Shifts
- Holidays
- Absences
- Requests and approvals
- Notifications and communications
- Integration with other systems
- Self-management

Visitor management
- Mass visits
- Registration, Pre-registration, Auto registration
- Issuance of credentials
- Notifications

Available on:

Download on the App Store

GET IT ON Google Play

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RFID Device-ID & BioRFID Device-ID

Intemo devices

One big family

NextAccess

Access control devices.

NextAcces   NextAcces-QR   NextAcces-BIO

NextPress

Multi-application devices with time registration, locker management and access control.

NextPress   NextPress-QR   NextPress-BIO   NextPress-INT

NextPress Booker

Device for space reservation and access control.

NextPress Booker

RFID Device-ID & BioRFID Device-ID

Electronic user identification and authentication devices.

RFID Device-ID   BioRFID Device-ID

Kiosk-ID

Device for user identification and authentication, automatic data capture, credential issuance and payment automation.

Kiosk-ID

FastPass

Complete solutions for controlled high traffic pedestrian and vehicle crossings.
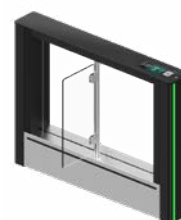
FastPass-SL   FastPass-FL   FastPass-ED   FastPass-EO   FastPass-EB   FastPass-Car Ticket   FastPass-Truck Ticket

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RFID Device-ID & BioRFID Device-ID

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ACCESS CONTROL EXPERIENCE

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