ADVANCE Trillium® RFID Lock

Model 10104334P1
Model 10104335P1

Onity's ADVANCE Trillium lock features a stylish new look in a two-piece modular design, with a low-profile reader designed for today's modern aesthetics.

Advanced Credential Security

Trillium RFID locks include the option to use MIFARE Plus technology, an enhanced credential security for RFID cards.

Easy Upgrade Path

The ADVANCE Trillium lock provides an easy upgrade path where Onity ADVANCE series locks currently are installed – no new door cuts or repainting are required when installing new locks. Properties with Onity ADVANCE locks can update to ADVANCE Trillium locks by installing a new reader, control board, and optional rosette cover. For upgrades from Onity HT locks to ADVANCE Trillium locks, Onity offers standard or custom cover plates.

Optional DirectKey™ Technology

Trillium locks are available with a DirectKey module, enabling a proven mobile key solution. With a hotel-provided smartphone app, guests can securely download their assigned key for easy access to their assigned room and other access-controlled areas.

Features

- Compatible with Onity HT22 and HT24 electronic locking systems
- Supports MIFARE Classic®, MIFARE Plus®, MIFARE Ultralight®, and MIFARE Ultralight C cards
- Reading technology: contactless RFID (ISO14443A, NFC)
- DirectKey-ready: Optional on-board DirectKey module provides secure wireless communication of credentials from a user's smartphone to a locking device via Bluetooth® Smart communications.
- Multiple opening devices available: keycards, wristbands, keychains, etc.
- Average battery life: approximately 2 years
- Non-volatile memory: records last 500 openings including date, time and card used
- Programmable to customer needs (meeting rooms, offices, housekeeping, etc.)
- LEDs indicate lock status including a low battery
- Corrosion-treated for normal atmospheric conditions
- NXP CRYPTO1 or AES-128 card encryption
- Available in multiple standard hardware finishes.

Specifications

- Temperature Tolerance Ranges:
  Alkaline batteries: 0º F / 130º F (-18º C / 55º C)
  For non-fire rated doors only, lithium batteries: -40º F / 167º F (-40º C / 75º C)
- Humidity: up to 95% non-condensing
- Power supply: 4 alkaline 1.5-volt AA batteries
- Not for outside use

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Certifications

- FCC & IC
- CE Certificate of Conformity under EN14846 (with euro 5470H and 5480H mortises)
- Directive 2014/30/EU (electromagnetic compatibility)
- Directive 1999/5/EC (R&TTE)
- DIN 18273 Certification (under testing)
- BHMA 156.25 & BHMA 156.13
- UL10C (3 hours)

United States (FCC)

This device complies with part 15 of the FCC rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canada (IC)

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

(1) This device may not cause interference; and

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet équipement est conforme á la (aux) norme(s) canadienne(s) d'exemption de licence RSS Industry Canada. Son opération est sujette aux deux conditions suivantes: (1) cet équipement ne provoquera aucune interference el (2) cet équipement doit tolérer toute in interférence pouvant provoquer une opération indésirable de l'equipement.

European Union (CE)

This Class B digital apparatus conforms to the requirements of the following EU directives:

1. R&TTE Directive (1999/5/EC)
2. WEEE Directive (2012/19/EC)