

Trillium RFID

Designed for today's modern aesthetics, Onity's Trillium lock is available in a stylish one-piece module design with a low profile reader, RFID and optional Bluetooth® Low Energy (BLE) configurations. Trillium locks can be operated using Onity's DirectKey™ technology enabling guests to use an approved smartphone app to securely download their assigned key for easy access to controlled areas.

Features

- Simple to use
- Ideal for retrofit and new installation applications
- Compatible with Onity OnPortal™ system software
- Lock LEDs indicate lock status, including low battery level
- Powered by four AA batteries with a two year normal life
- Mobile access compatible
- Provides a wide range of design options for finish and levers
- 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
- Supports MIFARE Classic®, MIFARE Plus®, MIFARE Ultralight®, and MIFARE Ultralight C cards
- Reading technology: contactless RFID (ISO14443A, NFC)
- Multiple opening devices available: cards, wristbands, keychains, etc.
- Non-volatile memory: records last 500 openings including date, time and card used
- Programmable to customer needs (meeting rooms, offices, housekeeping, etc.)
- Corrosion-treated for normal atmospheric conditions
- Special weather kits for outdoors
- NXP CRYPTO1 or AES-128 card encryption




Advanced Credential Security

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

Easy Upgrade Path

Trillium locks provide an easy upgrade path where Onity HT series locks are currently installed – no new door cuts or repainting are required when installing new locks. Properties with Onity HT locks can update to Trillium locks by installing a new escutcheon, control board, and reader.

| | | Trillium |
|--------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| | |  |
| General | Lockcase | ANSI Standard, Auto Dead-bolt, Latch Only, EURO, DIN, CIT (H-LOCK), BLA (CYLINDRICAL) |
| | Panic Release | Yes |
| | Mechanical Key Override | EURO only |
| | Reader | MIFARE Classic®, MIFARE Plus®, MIFARE Ultralight® and MIFARE Ultralight® C; Supports keycards, wristbands and keyfobs. |
| | Mobile Access | DirectKey Mobile Access - upgrade/optional |
| | Encryption | 128-AES |
| | Programming | PPCOM (Wired) |
| | System Software Capability | OnPortal™ Portable Programmer Required (Wired) |
| | Encoder | Compact RFID |
| | Audit Trail | 500, includes date, time and credential used |
| | Guest Privacy Function | Yes |
| | Reader Color | Black |
| | Metal Finishes | Satin Nickel, Satin Chrome, Polished Chrome, Flat Black, Satin Brass, Polished Brass, Antique Brass |
| | Lever Options | Granada, Toledo, Jerez, Barcelona, Sevilla* |
| | Approved Outdoor Finish | 626 / Satin Chrome |
| Supported Door Types | Metal or wood doors. Cover plates available. | |
| Door Requirements | Door Stile: 5" minimum Door Thickness: 1-3/8" narrow (35mm), 1-3/4" standard (45mm) | |
| ADA Compliant | Yes | |
| Power | Power | 1.5 VDC 4x AA alkaline batteries (for interior applications) or lithium batteries (for non-fire rated exterior applications) |
| | Battery location | Controlled side of door in electronics module |
| | Battery life | 2-year |
| | Low Battery Indicator | LED at lock |
| Environmental & Regulatory Compliance | Certifications | FCC, CE, NOM, ANATEL, RoHS, REACH, ISO 14443 A, NFC |
| | Warranty | 2-year |
| | Extended Warranty Available | Yes |
| | UL | UL10C, 3 hours |
| | Storage Temperature | -40°F to 185°F (-40°C to 85°C) |
| | Operating Temperature | Alkaline batteries: 0° F to 130° F (-18° C to 55° C), Lithium batteries: -40° F to 167° F (-40° C to 75° C) |
| | Humidity | 0% to 95% non-condensing humidity at 140° F (60° C) |

*Flat Black finish not available for Sevilla lever.