

Advanced Security ***Seamless Connectivity*** ***Elevated Guest Experience***

Designed for the future of hospitality, Trillium 2.0 offers secure mobile access, enhanced operational efficiency, and a scalable pathway for smart building integration. Building upon the trusted Trillium RFID platform, this innovative solution is now augmented with Mesh networking, providing real-time connectivity and centralized management to ensure a seamless guest experience.

Trillium locks can be operated via Onity® DirectKey™ technology*, enabling guests to conveniently and securely download their assigned keys using an approved smartphone app for effortless access to controlled areas.

Features and Functionality

- **Mesh Network Connectivity:** Real-time communication across the property for instant updates, diagnostics, and control
- **Mobile Access Ready:**** Fully compatible with Onity DirectKey technology for secure smartphone-based access
- **Advanced Security:** AES-128 encryption, secure credential management, and configurable real-time alerts for unauthorized access
- **Operational Efficiency:***
 - Remote battery and lock status monitoring
 - Centralized credential and lock configuration management
 - Remote lock/unlock and audit trail access
 - Lock diagnostics
 - Real-time cancellation and issuance of master and guest key cards
- **Frictionless Guest Experience:****
 - Mobile check-in and keyless room access through Property Management System (PMS) integration
 - Room changes and extended stays without visiting the front desk
 - Remote door unlocking in emergency situations
 - Personalized services via app integration
- **Easy Retrofit:** Compatible with existing Trillium and HT locks - no new door cuts required
- **Multiple Credential Options:** Supports RFID cards, wristbands, fobs, and mobile credentials; NFC will be capable in a future firmware update.



Specifications

General

Lock cases: EURO, DIN, ANSI, Tubular, CIT (interconnected), Sliding, Panic Bar

Panic Release

Lock Finishes: Satin Chrome, Polished Chrome, Satin Brass, Polished Brass, Antique Brass, Satin Nickel, Dark Bronze, Matt Black

Finishes for Outdoor Use: Satin Chrome, Matt Black

Reader Finish: Black

Handles: Granada, Barcelona, Jerez, Toledo, Wing, Sevilla*

Special handles: Amsterdam, Bonn, Dallas, Trondheim, Paris (compatible with EURO mortise)

ADA Compliant

Supported Door Types: Metal or wood.
Cover plates available

Encoder: Compact RFID

Dimensions

Exterior: 292 x 79 x 45 mm

Interior: 280 x 86,7 x 10 mm
for EURO, DIN, ANSI & Tubular mortises

Interior size with CIT mortise: 190 x 74,5 x 16 mm

Electronic Features

Reader: MIFARE Plus®, Ultralight C.
Supports keycards, wristbands and key fobs

Connectivity: Mesh Network, DirectKey™

Encryption: AES-128

Programming: Via BLE

System Software Capability: OnPortal™ Portable
Programmer required (wireless)

Programmable to customer needs ("Office Mode", free passage, etc.)

Audit Trail: 3000 events

Guest Privacy Function

Capability to manage staff shifts

Power

Power: 6.0 VDC (4x AA batteries)

Battery Location: Exterior side of door

Battery Life: Up to 2 years (average)

Low Battery indicator: LED at lock

Environmental

Operating Temperature:

Alkaline: -18 to 55 °C (0 to 130 °F)

Lithium: -37 to 75 °C (-34 to 167 °F)

Storage Temperature: -40 to 85 °C (-40 to 185 °F)

Humidity: 0-95% non-condensing at 60°C (140°F)

Regulatory

Compliance: CE, EN-14846, UKCA, FCC, ISED, NOM, ANATEL, RCM

Certifications: UL10C (3-hours), ADA, ISO 14443 A

Environmental: RoHS, REACH, Prop 65, WEEE

* Matt Black finish not available for Sevilla handle

Requires firmware update