



The Onity HT RFID lock with DirectKey module enables a proven mobile key solution out of the box.

### High Level of Security

The on-board DirectKey module employs 128-bit AES encryption technology to complement the security of existing locks with an added layer of protection.

### The Best Guest Experience

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. Guests can unlock doors easily with the press of a button on the hotel app.

### Features

- On-board DirectKey module provides secure wireless communication of credentials from a user's smartphone to a locking device via Bluetooth® Smart communications
- Reading technology: contactless RFID (ISO14443A, 14443B part 4, NFC)
- Multiple opening devices available: keycards, wristbands, keychains, etc.
- Average battery life: approximately 2 years
- Non-volatile memory records the last 500 lock openings – including date, time and card used
- Programmable to customer needs (meeting rooms, offices, housekeeping, etc.)
- LEDs to indicate lock status including a low battery warning
- MIFARE® compatibility - no need for proprietary keycards
- Corrosion-treated for normal atmospheric conditions
- Special weather kits for outdoors
- NXP CRYPTO1 or AES-128 card encryption

### 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)

### Specifications

- Size: 11.2" / 2.8" / 1.9" (285mm / 72mm / 50mm)
- Temperature Tolerance Ranges:  
Alkaline batteries: 0° F / 130° F (-18° C / 55° C)  
For non-fire rated doors only; Lithium batteries:  
-40° F / 167° F (-40° C / 75° C)
- Humidity: up to 95% non-condensing
- Power supply: 4 alkaline 1.5-volt AA batteries

# Onity Edht22i Locks Manual

**Patrick Vollmar**

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