Electronic Locking Solutions

ADVANCE RFID
Contactless Electronic Lock

ADVANCE RFID (Radio Frequency Identification) combines the extensive benefits of the Onity design-centric *ADVANCE* lock with industry-standard contact-less RFID technology.
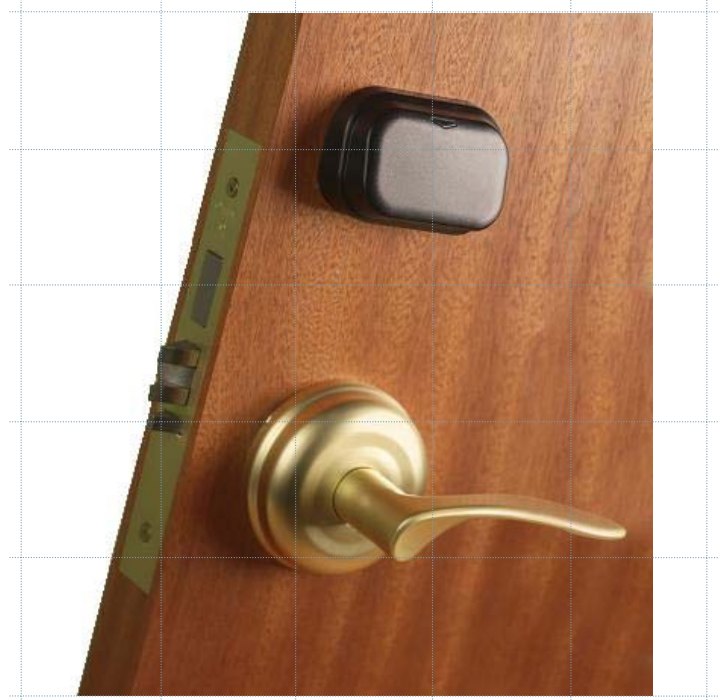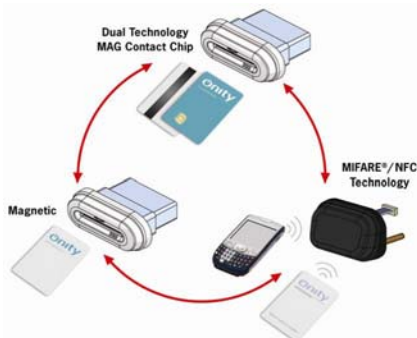
□ **RFID Reader**: Contactless Proximity Type Reader compatible with MiFare® (ISO14443A and ISO14443B part 4) and Near Field Communication (NFC) standards.

□ **Opening devices**: Multi-segment ISO compliant keycard, wristbands, lanyards, and Near Field Communication (NFC) compatible cellular devices. Compatible with ISO MiFare® Ultra Light, 1K, 4K memory sizes and application segment configurations.

□ **Security**: Devices are encrypted with the NXP Crypto-1 encoding algorithm and memory segment is secured using site code or similar security key.

□ **Detect/Read Range**: 0 to 2 cm. Tag read cycle does not exceed 1 second including unlocking.

Electronic Features

□ **Lock Audit Trail**: Non-volatile memory records the last 500 lock openings including date, time and card used. Removal of batteries does not cause any loss of events.

□ **"Do-Not-Disturb" Function**: Deadbolt operated by a thumbturn inside the room for added guest privacy and security.

□ Programmable for length of time door remains open, and automatic closing.

□ Each new guest card overrides any previous ones preventing re-entry.

□ Low battery indicator lights alert hotel staff without disturbing guests.

□ Programmable "office-mode" function (free passage).

□ Full Masterkeying capabilities.

□ Low consumption clock/calendar to control card shifts.

Upgradeability

Upgrading to ADVANCE RFID from the magstripe/dual version is as simple as replacing the reader.

Physical Features

□ Off-line installation (no wires required).

□ Fits all types of doors.

□ **Finishes**: All Onity standard (Satin Chrome, Satin Brass) and special finishes (Polished Brass, Antique Brass, Polished Chrome, Satin Nickel, Dark Bronze and Gold).

□ **Levers**: Wing, Toledo and Granada.

□ **Latch Mechanisms**: EURO with Auto Latch, ANSI, ANSI with Auto Deadbolt, Cylindrical BLA and DIN.

□ Concealed screw design.

□ **Batteries**: 4 x standard AA.

□ Attractive **cover plates** are available for retrofit projects.

Certifications and Standards

□ European Fire Certification EN 1634-1
□ FCC & CE certified
□ UL10C certified for 3 hours
□ BHMA 156.25 & BHMA 156.13