Features

☐ Utilizes OPEN (Onity Partner Enterprise Network) architecture interface

☐ Wireless and offline capability

☐ Several reading technologies available:

    ☐ Magnetic stripe (Track 3)

    ☐ Smart Card 13.56 MHz (iCLASS)

    ☐ MiFare 13.56 MHz

☐ Powered by 3 standard AA batteries

☐ Average battery life: 2 years (based on 40 activations per day, 5 minute heartbeat)

☐ Unlimited masterkeying potential

☐ Flexible operation modes

☐ Programmable to customer needs ("Office mode", "Blocked Mode", etc.)

☐ LEDs to indicate lock status including a low battery warning

The Onity Wireless lock provides an integrated cost-effective method of securing facility locations which were once previously cost prohibitive. Having the controller technology built into the lock offers an inexpensive solution to door wiring network infrastructure.

A Wise Choice
Available in both wireless and offline solutions, the OWL provides local decision making at the lock for up to 5,000 keycards. Employing stand-alone power and an intelligent onboard database, the system allows facilities to continue operations and secure doors. The lock continues to operate, grant or deny access, and perform even when power or network connectivity are lost.

Simple Upgrade
Onity provides the option to initially specify wireless locks or easily upgrade by adding a radio transmitter at a later time. Simply remove the old reader, insert the new reader and your system has been upgraded!

One Lock, Flexible Modes
The OWL supports a number of operation modes, based on the use and preference of the user.

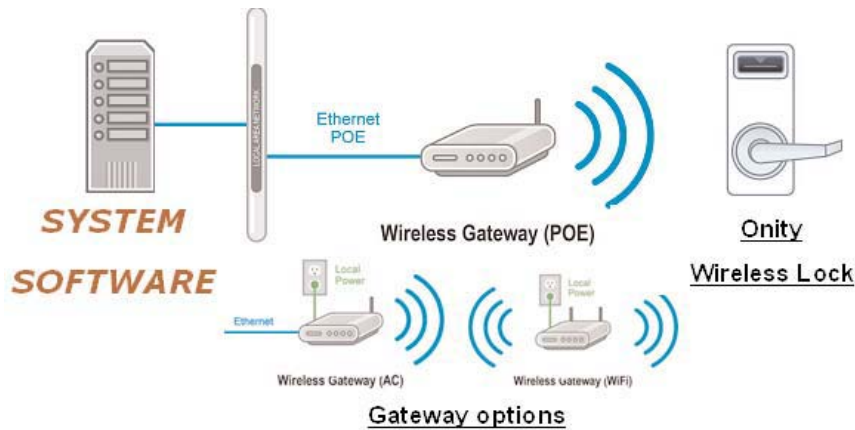**Standard** - Lock is set to be opened with card only
Office - Unlocked
Office First - First valid card presented unlocks the lock for a set duration
Blocked - A lock remains locked until presented with a badge with overriding privileges
Emergency lock - Lock remains locked until it transitions to new mode or presented with emergency lock card
Emergency unlock - Lock remains unlocked until it transitions to new mode or presented with emergency unlock card
Facility / Foyer - Lock is opened by a card with a valid facility code, authorization level and a card

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Gateway options

Wireless Gateway

The Wireless Gateway provides a secure wireless connection between the Software server and the Onity wireless locks. The wireless communication allows users the ability to make updates to the locks without having to visit the door. The Wireless Gateway reports all critical events in real time. The purpose built wireless gateway is offered in three different configurations: standard Ethernet with plug in power adapter, POE Ethernet or 802.11b with plug in power adopter. Up to 32 doors can be managed by the wireless gateway using frequency agility and AES-128bit encryption.

Lock Specifications

Modulation	900MHz (866 MHz)
Frequency Range	868 MHz
Transmission/Encryption	AES-128 bit
Credential/Verification Time	Less than one second
Number of cardholders	5,000
Event transaction history (audit trail)	1,000 events
Communication Range	Up to 100 feet with obstructions, up to 300 feet clear line of sight
RF Interference Avoidance	Configurable dynamic channel switching
Data Rate	RF: 40 kbps
Visual/Audible Communications	Green and Red colored LEDs. Audible indicators
Power Source	Three AA, 1.5VH alkaline batteries
Battery Life	Two to three years with magnetic stripe reader
	Two years with proximity & smart card reader with 40 activations
Operating Temperature	-35 C to +75 C
Operating Humidity	0 - 100%
Certifications:	Locks: FCC part 15, RoHS, CE, UL10C, IP46 iCLASS reader, IP23 MAG readers, Ontario Fire Code (AFC) 3.3.4.5, ADA compliant

Latch Mechanisms

EURO

- Autolatch (latch extra-projected until 16.5 mm and blocked)
- Anti-thrust latch
- High security bolt
- 20-23mm faceplate, round or square
- 60-70mm backset
- Non handed
- Panic function

ANSI

- A156.25 Grade 1 standards
- UL approved
- Tested 1,000,000 cycles
- Anti-pick latch
- Handed: left or right
- 70mm backset
- Panic function

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