

# Onity Serene™ Wall Reader

## User Manual

### 1 Product Overview

Onity Serene Wall readers are multipurpose access devices that trigger third-party devices which control perimeter doors, elevators, parking areas, gated entryways, etc. They are specifically designed for indoor or outdoor installations. Onity Wall Readers provide wireless access using Bluetooth low energy and through RFID cards.



#### 1.1 Features

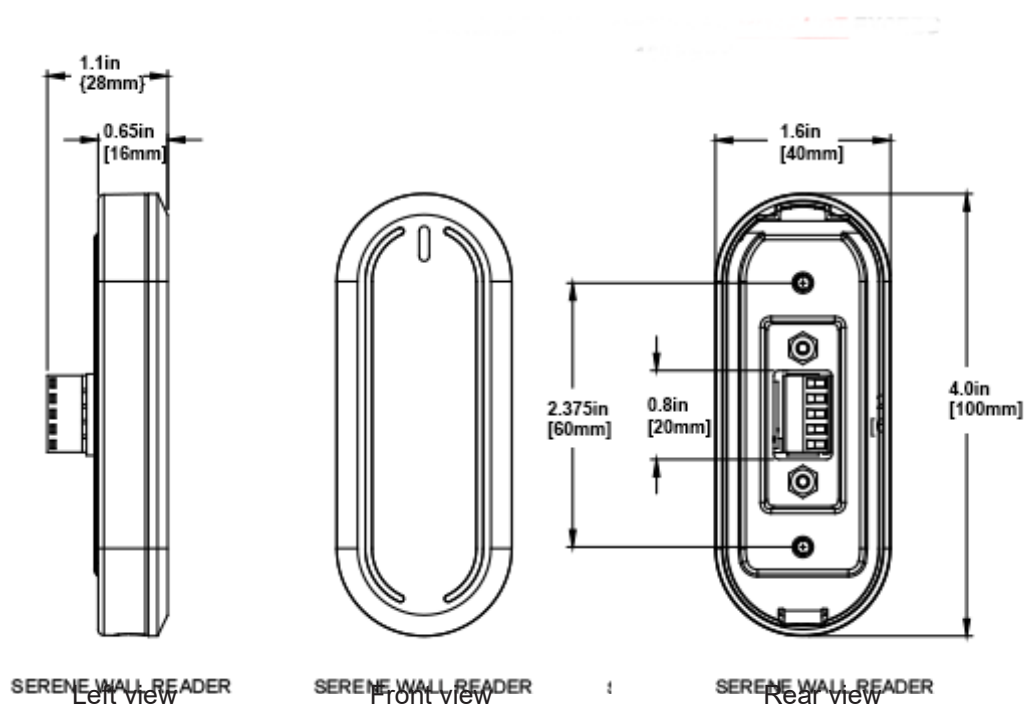
- Compatible with Onity locking systems and Onity Property Management System software (OnPortal™ front desk system)
- Online configuration supports audit trail for last 3,000 openings
- Serene wall readers support surface-mount or flush-mount installation
- Serene wall readers are ADA-compliant, utilizing an ADA-opening timer
- Serene wall reader utilizes card encryption as well as Bluetooth technology
- Specialized control electronics available to accommodate elevator use

#### 1.2 General Product Specifications

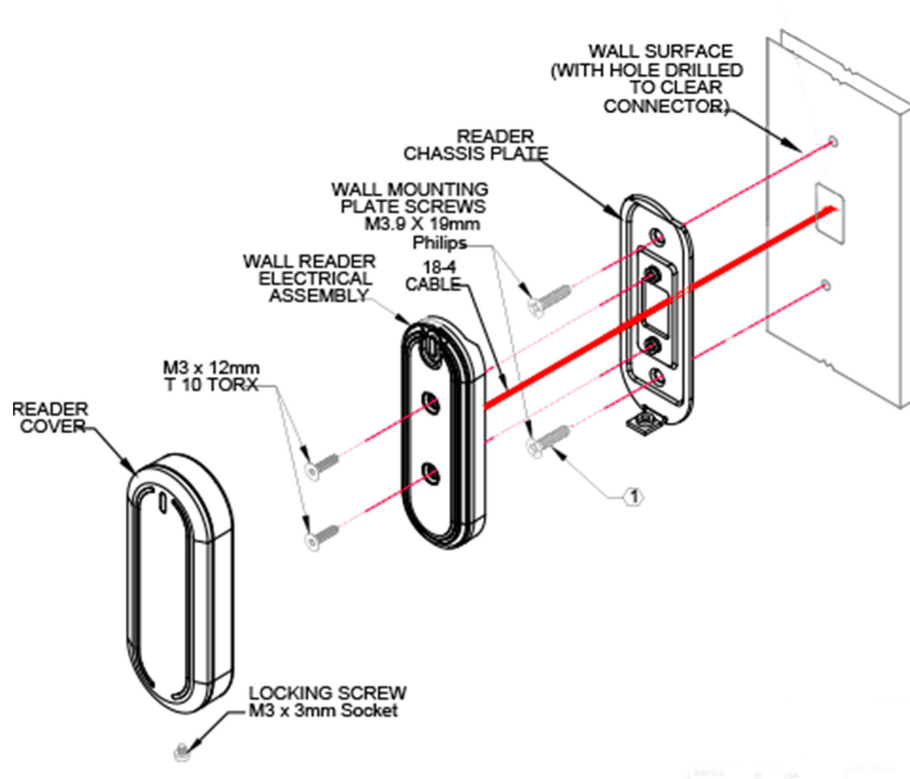
| Basic Specs       |                                                                              |
|-------------------|------------------------------------------------------------------------------|
| Operating Temp    | -30° C (-22° F) through 75° C (167° F)                                       |
| Humidity          | 50° C (122° F) at 95% humidity                                               |
| Operating Voltage | ~12-24VDC                                                                    |
| Operating Current | ~1A maximum current draw                                                     |
| Dimensions        | 4 inches (102 mm) height, 1.6 inches (40 mm) width, 1.1 inches depth (28 mm) |



## Serene Wall Reader Dimensions



## 2 Wall Reader Assembly Diagram



### 3 Using a Wall Reader

| RFID Wall Reader |                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------|
| Step             | Action                                                                                                |
| 1.               | Hold an RFID card in front of the wall reader read head.                                              |
| 2.               | While holding card in this position, touch center of card (1 second) onto read head then remove card. |
| 3.               | Verify action is complete when wall reader beeps and LEDs flash.                                      |

### 4 General Wall Reader Maintenance

| Step                                                                      | Action                                                               |
|---------------------------------------------------------------------------|----------------------------------------------------------------------|
| <b>Caution:</b> Do not use harsh chemicals when cleaning the wall reader. |                                                                      |
| 1.                                                                        | Visually inspect the reader face for damage and replace as required. |
| 2.                                                                        | Using a clean cloth, wipe down the exterior and reader face.         |

#### 4.1 Technical Support

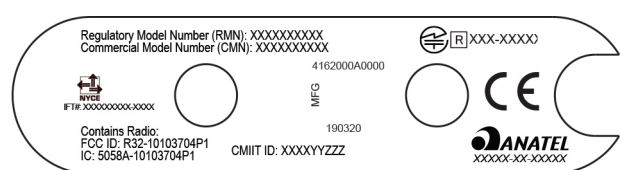
For technical support, visit [www.onity.com](http://www.onity.com), call 1-800-248-6189 or contact your sales representative.

### 5 Environmental Compliance

Onity Serene wall readers adhere to environmental regulations established by the current European Union (EU) RoHS, WEEE, and REACH directives.

Onity Inc. declares that our products and packaging do not contain any of the SVHCs, identified by EHCA, in any concentration above 0.1%, and hereby certify that its products are in full compliance with all aspects of Commission Regulation (EU) 2017/999 of 13 June 2017 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

### 6 Certifications and Label

| Certifications                                                                                              | Label Example                                                                        |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>FCC &amp; IC</li><li>Radio Equipment Directive (2014/53/EU)</li></ul> |  |

## 7 Regulatory Information

### 7.1 Model Numbers

For regulatory identification purposes, the product is assigned a Regulatory Model Number (RMN). The RMN for Serene is listed below. Do not confuse this regulatory number with the marketing name or product part numbers.

| Regulatory Model Number (RMN) | Lock Family Name | Description                           | Commercial Model Number (CMN)                     |
|-------------------------------|------------------|---------------------------------------|---------------------------------------------------|
| 10108350P1                    | Serene           | Serene Wall Reader with BTLE and RFID | 10108351P1 – Model equipped with Bluetooth & RFID |

### 7.2 Regulatory Statements

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Canada (ISED)</b>       | <p>This device complies with Innovation, Science and Economic Development (ISED) Canada's license-exempt RSS(s). Operation is subject to the following two conditions:</p> <ol style="list-style-type: none"><li>1. This device may not cause interference.</li><li>2. This device must accept any interference, including interference that may cause undesired operation of the device.</li></ol> <p>Le présent appareil est conforme aux CNR d'Innovation, des Sciences et du développement économique (ISDE) applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:</p> <ol style="list-style-type: none"><li>1. l'appareil ne doit pas produire de brouillage, et</li><li>2. l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.</li></ol> <p><b><u>Radiation Exposure Statement</u></b></p> <p>This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with greater than 20 cm between the radiator &amp; your body.</p> <p><b><u>Déclaration d'exposition aux radiations</u></b></p> <p>Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à plus de 20 cm entre le radiateur et votre corps.</p>                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>United States (FCC)</b> | <p>This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this user manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his/her own expense.</p> <p>This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:</p> <ol style="list-style-type: none"><li>1. This device may not cause interference; and</li><li>2. This device must accept any interference, including interference that may cause undesired operation.</li></ol> <p>Changes or modifications not expressly approved by Onity Inc. could void the user's authority to operate the equipment.</p> <p>To comply with FCC RF exposure compliance requirements, the device must be installed to provide a separation distance of at least 20 cm from all persons.</p> <p><b><u>Radiation Exposure Statement</u></b></p> <p>This product complies with the U.S. RF exposure limit set forth for an uncontrolled environment and is safe for intended operation as described in this manual. Further RF exposure reduction can be achieved if the product can be kept as far as possible from the user's body or the device is set to lower output power if such function is available. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.</p> |
| <b>European Union (CE)</b> | <p>This Class B digital apparatus conforms to the requirements of the following EU directives:</p> <ol style="list-style-type: none"><li>1. RED, 2.4GHz, Bluetooth Power class 1 (12dBm max)</li><li>2. WEEE Directive (2012/19/EC)</li></ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |