

# CLK-YL-YRD256-CR2

## Yale Real Living® Assure Lock® SL Key Free Touchscreen Deadbolt with infiNET EX® Technology



- Stylish key-free deadbolt with backlit touchscreen keypad
- Slim, compact design for an attractive and unobtrusive appearance
- Locks and unlocks using a PIN code, mobile device, or Crestron Home™ OS<sup>2</sup>
- Integrated infiNET EX® wireless communications
- Affords remote access control and lock status monitoring<sup>2</sup>
- Supports up to 250 unique user PIN codes with varying access rights
- Allows text or email notification and logging of individual user access and other events<sup>2</sup>
- Provides alarm and alert notification in case of unauthorized usage or tampering<sup>2</sup>
- Enables integration with lighting, shading, climate control, video surveillance, and security systems<sup>2</sup>
- Voice assisted setup and configuration in English, French, or Spanish
- 100% Key Free – No cylinder means no lost keys and no picked locks
- Privacy Mode – Prohibits all entry from the outside with a 4-second press of the interior button.
- Lockout Mode – Disables all PIN codes except for the Master PIN.
- One-Touch Locking – Locks with one tap using three fingers.
- Auto Re-locking – Automatically re-locks 30 seconds (or up to 3 minutes) after unlocking.
- Operates on four AA alkaline batteries (included)
- Low battery indication and 9V battery power backup
- Durable metal construction with acrylic capacitive touchscreen
- Weather resistant gasket seal
- ANSI/BHMA Grade 2 certified to assure strength and durability
- Fits standard doors and replaces existing deadbolts without modification
- Available in lifetime brass, oil-rubbed bronze, satin nickel, and black suede finishes

The Yale Real Living® Assure Lock® SL Key Free Touchscreen Deadbolt (Crestron® CLK-YL-YRD256-CR2 series) offers an advanced door lock solution for discerning homeowners. It eliminates any need to carry or lend out keys by enabling the door to be locked and unlocked with a 4-8 digit PIN code using the backlit touchscreen keypad. It also eliminates any possibility of a pick and bump break in. Its sleek, low-profile design affords an attractive appearance, with a choice of three elegant designer finishes.

Yale® has been securing homes since 1846, and is regarded as one of the world's best brands in the lock industry. Crestron has partnered with Yale to offer a full range of wirelessly integrated door lock solutions for homes and businesses. The Yale Assure Lock SL deadbolt is ANSI/BHMA Grade 2 certified to assure strength and durability for the safety of your home and family.

Featuring infiNET EX® wireless communications<sup>1</sup>, the Yale Assure Lock SL deadbolt integrates with a Crestron home automation system to enable secure remote monitoring and control via Crestron touch screens, personal computers, and mobile devices, allowing homeowners to selectively restrict or grant access to individual family members and guests, as well as cleaning, pet care, and maintenance workers. Using a unique PIN code for each person, a text or email notification can be sent, and the date and time can be logged, when any authorized individual uses their PIN code, or if an unauthorized PIN code is entered. Individual access rights can also be restricted to specific time periods through scheduling.<sup>2</sup>

Crestron system integration also enables interaction with lighting, shading, climate control, video surveillance, and security systems to automatically turn lights on, open or close window shades, adjust thermostats, activate cameras, and disarm the alarm as someone enters the home. A doorbell and video intercom can also be integrated to allow the homeowner to communicate with visitors using a Crestron touch screen or smartphone, whether at home or away, and unlock the door for them if desired. For homes with multiple entrances, locking a single door can automatically lock every door equipped with a Crestron connected Yale lock.<sup>2</sup>

### Simple Installation

Upgrading an existing deadbolt lock to enable remote control and key-free access is easy. The Yale Assure Lock SL deadbolt installs in place of a standard deadbolt without any modification to the door, and no wiring required. It fits a standard exterior door with a thickness of 1-3/8 to 2-1/4 in. (35 to 57 mm).

### PIN Code Access

Locking or unlocking the deadbolt is easily accomplished by entering a 4-8 digit PIN code. Up to 250 unique user PIN codes are supported, including a Master PIN which can be used to access menu options and configure the lock. An optional "One-Touch Locking" feature allows for locking the deadbolt without a PIN code by simply tapping the touchscreen with

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three fingers. The deadbolt can also be operated with a thumbturn from the inside.

### Privacy Mode

A "privacy button" is provided on the interior escutcheon, which can be enabled through setup to support Privacy Mode. Privacy Mode is activated by pressing and holding the button for four seconds, which disables all PIN codes to prohibit anyone from unlocking the deadbolt from the outside.

### Lockout Mode

Lockout Mode can be activated at any time using the Master PIN to disable all PIN codes except for the Master PIN.

### Automatic Re-lock

When enabled, this feature automatically re-locks the deadbolt 30 seconds after it is unlocked using a PIN code. The automatic re-lock time can alternately be set to one, two, or three minutes.

### Tamper Prevention

If someone forcibly tampers with the lock, an alarm sounds through the built-in speaker. Additionally, the control system can trigger an alarm through the home security system, and an alert notification can be sent to the homeowner's mobile phone.<sup>2</sup>

### infiNET EX® Wireless Technology

Ultra-reliable infiNET EX wireless technology provides steadfast two-way RF communications throughout a residential or commercial structure without the need for physical control wiring. The Yale Assure Lock SL deadbolt communicates with a Crestron control system via an infiNET EX wireless gateway, and can function as part of a complete network of wireless locks, lighting dimmers, motorized shades, thermostats, keypads, handheld remotes, and other devices.<sup>1</sup>

### 9V Battery Power Backup

In the event the internal batteries become too weak to operate the lock, operation may be temporarily restored by holding a standard 9V battery across a pair of terminals positioned just below the keypad. Such conditions are ordinarily prevented by replacing the internal batteries when a low battery condition is signaled via a Crestron touch screen, email or text notification, or the flashing low battery indicator on the lock itself.<sup>2</sup>

## Specifications

### Keypad Type

Backlit capacitive touchscreen with fixed-position buttons

### Buttons

<b>Numerical Keypad</b>	(10) Capacitive buttons, one for each number 0 to 9
<b>Check Button (✓)</b>	(1) Capacitive button, enters or accepts entry
<b>Gear Symbol Button (⚙)</b>	(1) Capacitive button, enters Menu mode
<b>Yale</b>	(1) Capacitive button, locks the door and wakes the screen

### Status Indicators

<b>Low Battery Warning</b>	(1) Red LED, flashes to indicate a low battery condition
<b>Lockout Mode</b>	(1) Red LED, indicates Lockout Mode is active (all PIN codes are disabled except for the Master PIN code)
<b>Privacy Button (interior)</b>	(1) Pushbutton; press and hold for four seconds to activate Privacy Mode which disables all PIN codes (Privacy Mode must be enabled through setup)
<b>Inside Indicator (interior)</b>	(1) LED, indicates door is locked (if indicator is enabled through setup)

### Audio

<b>Speaker</b>	Built-in speaker on exterior side for voice prompts and tamper alarm
<b>Languages</b>	English, Spanish, or French

### Wireless Communications

<b>RF Transceiver</b>	infiNET EX 2-way RF, 2.4 GHz ISM Channels 11-26 (2400 to 2483.5 MHz), default channel 15; IEEE 802.15.4 compliant, AES-128 encryption
<b>Range</b>	50 ft (15 m) to gateway or nearest mesh network device(s); subject to site-specific conditions and individual device capabilities, range between floors or ceilings is limited to one level <sup>1</sup>
<b>Gateway</b>	Requires an infiNET EX gateway (sold separately)

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### Connections

**9V Battery Power Backup** (2) Battery terminals below keypad, enables temporarily powering the lock with a 9V battery if the internal batteries are dead

### Power

**Batteries** (4) Disposable 1.5V AA alkaline batteries (included)

### Lockset

**Door Thickness** 1-3/8 to 2-1/4 in. (35 to 57 mm)  
**Face Bore** 2-1/8 in. (54 mm)  
**Edge Bore** 1 in. (25 mm)  
**Backset** 2-3/8 in. (60 mm) or 2-3/4 in. (70 mm)  
**Strike** 2-3/4 x 1-1/8 in. (69.9 x 28.6 mm), round corner strike front  
**Handing** Self-handing

### Environmental

**Outside Temperature** -22° to 140° F (-30° to 60° C)  
**Inside Temperature** 5° to 158° F (-15° to 70° C)

### Construction

**Composition** Metal escutcheons, weather-resistant gasket seal  
**Finish Options** Satin Nickel US15, ANSI/BHMA code 619; Oil-Rubbed Bronze US10BP; Black Suede code BSP; Lifetime Brass code P05

### Dimensions

**Exterior** Height: 3-9/16 in. (91.5 mm);  
Width: 2-9/16 in. (66 mm);  
Depth: 11/16 in. (17.4 mm)  
**Interior** Height: 6-7/8 in. (175 mm);  
Width: 3 in. (75 mm);  
Depth: 2-1/8 in. (53.8 mm)

### Weight

4.5 lb (2.1 kg)

### Compliance

IC, Tested to ANSI/BHMA A156.36 Grade 2, FCC Part 15 Class B digital device

### Models

#### CLK-YL-YRD256-CR2-619

Yale Real Living® Assure Lock® SL Key Free Touchscreen Deadbolt with infiNET EX® Technology, Satin Nickel

#### CLK-YL-YRD256-CR2-OBP

Yale Real Living® Assure Lock® SL Key Free Touchscreen Deadbolt with infiNET EX® Technology, Oil-Rubbed Bronze

#### CLK-YL-YRD256-CR2-BSP

Yale Real Living® Assure Lock® SL Key Free Touchscreen Deadbolt with infiNET EX® Technology, Black Suede

#### CLK-YL-YRD256-CR2-P05

Yale Real Living® Assure Lock® SL Key Free Touchscreen Deadbolt with infiNET EX® Technology, Lifetime Brass

### Available Accessories

For a list of available accessories, visit the [CLK-YL-YRD256-CR2](#) product pages.

#### Notes:

1. The infiNET EX wireless gateway (model [CEN-GWEXER](#), [CENI-GWEXER](#), [DIN-AP3MEX](#), [MC3](#), or [Crestron Home OS](#)) is sold separately. Crestron infiNET EX wireless technology employs a mesh network topology so each EX device on the network acts as a routing node, which propagates the signals it receives on to other EX devices within range. This effectively extends the total range of the network and provides multiple redundant signal paths for extra reliability. A maximum of six hops across routing nodes is allowed, although a maximum of three is recommended. Please note that Yale locks and other battery-powered infiNET EX devices only operate as leaf nodes, and thus do not propagate signals or extend range. If needed, up to five dedicated infiNET EX expanders (model [CLW-EXPEX-GD-W-T](#), sold separately) may be deployed as supplemental routing nodes to fill any gaps in coverage. Up to 100 infiNET EX devices are permitted per gateway, although best practices suggest a limit of 50. Refer to the [Installation and Setup of Crestron RF Products, Best Practices guide \(Doc #6689\)](#) for additional guidelines.
2. Certain functions described may require additional equipment and/or custom commissioning by a Crestron authorized system integrator or programmer. Contact your Crestron representative for design assistance.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/How-To-Buy/Find-a-Representative](http://www.crestron.com/How-To-Buy/Find-a-Representative) or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to [www.crestron.com/warranty](http://www.crestron.com/warranty) for full details.

The specific patents that cover Crestron products are listed online at [patents.crestron.com](http://patents.crestron.com).

Certain Crestron products contain open source software. For specific information, please visit [www.crestron.com/opensource](http://www.crestron.com/opensource).

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