

CLK-YL-YRD624-CR2

Yale Pro® 2 Deadbolt with Touchscreen Keypad and infiNET EX® Wireless Communication



- *Stylish deadbolt lock with backlit, touchscreen keypad*
- *Integrated infiNET EX® wireless communications*
- *Locks and unlocks using a PIN code, mobile device, or Crestron Home® OS*
- *Optional modes enable automatic locking and unlocking*
- *Built in Bluetooth® communications for optional Yale Access Mobile app*
- *DoorSense™ sensor locks the door only when it is fully closed*
- *Create unique PIN codes with varying access permissions for guests*
- *Permits email or text notifications for logging of individual user access and other events*
- *Enables integration with lighting, shading, climate control, video surveillance, and security systems*
- *Operates on four AA alkaline batteries (included)*
- *Low battery indication and 9V battery power backup*
- *Durable metal construction*
- *Weather resistant gasket seal with coastal-grade attributes*
- *ANSI/BHMA Grade 2 certified to assure strength and durability*
- *90-minute UL® fire rating*
- *Fits standard doors and replaces existing deadbolts without modification*
- *Available in lifetime brass, oil-rubbed bronze, satin nickel, and black suede finishes*

The Yale Pro® 2 Deadbolt with Touchscreen Keypad and infiNET EX® Wireless Communication (Crestron CLK-YL-YRD624-CR2 series) offers an advanced door lock solution for discerning homeowners. It eliminates the need to carry or lend keys by enabling the door to be locked and unlocked with a 4-8 digit PIN code using the backlit touchscreen keypad. Its sleek, low-profile design affords an attractive appearance with a choice of four elegant designer finishes.

Featuring infiNET EX® wireless communications², the Yale Pro 2 deadbolt integrates with a Crestron automation system to enable secure remote monitoring and control via Crestron touch screens, personal computers, and mobile devices. Homeowners can selectively restrict or grant access to individual family members and guests with unique PIN codes.

Compared to the Yale Assure Lock® 2 available in retail, the Yale Pro 2 deadbolt offers several advantages. The Yale Pro 2 deadbolt's superior construction features a 90-minute UL fire rating and coastal-grade attributes. The Yale Pro 2 deadbolt also can be configured quickly with or without the Yale mobile app.

Simple Installation

The Yale Pro 2 deadbolt installs in place of a standard deadbolt without any modification to the door and with 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. Multiple unique 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 the deadbolt to be locked without a PIN code by simply tapping the Yale logo button. The deadbolt can also be operated with a thumbturn from the inside or a key from the outside. For unrestricted passage, select user PINs may be authorized to enable Passage Mode, allowing the door to remain unlocked when appropriate.

Automatic Relock

When enabled, this feature automatically relocks the deadbolt 30 seconds after it is unlocked using a PIN code. The automatic relock time can alternately be set to one, two, or three minutes. Passage Mode can be activated to keep the deadbolt unlocked for longer periods. The DoorSense™ feature can be enabled to lock the door only when it is fully closed.

infiNET EX Wireless Technology

The Yale Pro 2 deadbolt communicates with a Crestron control system via an infiNET EX wireless gateway ([CEN-GW1](#) or [CENI-GW1](#)), and can function as part of a complete network of wireless locks, lighting dimmers, motorized shades, thermostats, keypads, handheld remotes, and other devices.²

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Optional Yale Access Mobile App

In addition to setup and configuration, the Yale Access mobile app for iOS® and Android™ platforms can make use of the DoorSense sensor to determine if the door is open or closed. The app can also automatically lock and unlock the deadbolt based on geofencing and Bluetooth proximity.

Low Power Access

In the event the internal batteries become too weak to operate the deadbolt, operation may be temporarily restored by holding a standard 9V battery across a pair of terminals positioned just below the keypad.

Security and Privacy

In the event that incorrect PINs are repeatedly entered, the keypad temporarily shuts down. The deadbolt can also be managed through a Crestron touch screen, enabling remote control. Accessed from the touch screen, an activity log shows which user PINs were used on a particular door and when. Enhanced scheduling capabilities enable you to schedule specific times in which designated user PINs can unlock a door and repeat the schedule on a daily or weekly basis. Further options include setting pre-programmed triggers that route text and email alerts to mobile devices whenever a door is used.

Specifications

Keypad Type

Backlit capacitive touchscreen with fixed-position buttons

Buttons

Numerical Keypad	(10) Capacitive buttons, one for each number (0 to 9)
Check Button (✓)	(1) Capacitive button, enters or accepts entry
Gear Symbol Button (⚙)	(1) Capacitive button, enters Menu mode
Yale Button	(1) Capacitive button, locks the door and wakes the screen
Passage Button (interior)	(1) Push button to activate Passage Mode, which disables Auto-Lock

Status Indicators

Gear Button LED	(1) LED indicates low battery conditions and pairing process.
Checkmark Button LED	(1) LED flashes green on successful pairing.

Inside Indicator (interior)

(1) LED indicates the following:
Lock status, low battery conditions, pairing process, and Passage Mode status.

Audio

Speaker

Built-in speaker for button presses and alerts

Wireless Communications

RF Transceiver	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
Range	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 ¹
Gateway	Requires an infiNET EX gateway (sold separately) ²

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
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Power

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

Uses a cylindrical lock with lever door preparations with the addition of one 1 in. (25.4 mm) hole; conforms to modified ANSI/BHMA specifications A156.115 (hardware preparations for steel doors/frames) and A156.115-W (hardware preparations for wood doors with wood or steel frames)

Door Thickness	1 3/8 in. to 2 1/4 in. (35 to 57 mm)
Face Bore	2 1/8 in. (54 mm) or 1 1/2 in (38 mm) adjustable
Edge Bore	1 in. (25 mm)
Backset	2 3/8 in. (60 mm) or 2 3/4 in. (70 mm) adjustable
Strike	1 in x 2 1/4 in (25 mm x 57 mm), round corner strike front
Number of Keys	1 included
Handing	Self-handing

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Environmental

Outside Temperature	-22° to 140° F (-30° to 60° C)
Inside Temperature	5° to 158° F (-15° to 70° C)
Battery Temperature	14° to 131° F (-10° to 55° C)

Construction

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

Dimensions

Exterior	Height: 4.9 in. (124 mm); Width: 2.6 in. (66 mm); Depth: 0.8 in. (20 mm)
Interior	Height: 4.9 in. (124 mm); Width: 2.7 in. (68 mm); Depth: 1.7 in. (43 mm)

Weight

4.5 lb (2.04 kg)

Compliance

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

Models

CLK-YL-YRD624-CR2-619

Yale Pro® 2 Deadbolt with Touchscreen Keypad and infiNET EX® Wireless Communication, Satin Nickel

CLK-YL-YRD624-CR2-OBP

Yale Pro® 2 Deadbolt with Touchscreen Keypad and infiNET EX® Wireless Communication, Oil-Rubbed Bronze

CLK-YL-YRD624-CR2-BSP

Yale Pro® 2 Deadbolt with Touchscreen Keypad and infiNET EX® Wireless Communication, Black Suede

CLK-YL-YRD624-CR2-P05

Yale Pro® 2 Deadbolt with Touchscreen Keypad and infiNET EX® Wireless Communication, Lifetime Brass

Available Accessories

For a list of available accessories, visit the [CLK-YL-YRD624-CR2](#) product pages.

Notes:

1. Certain functions described may require additional equipment and/or custom commissioning by a Crestron authorized system integrator or programmer.
2. The infiNET EX wireless gateway ([CEN-GW1](#) or [CENI-GW1](#)) 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](#) for additional guidelines.

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](#) or contact us for additional information by visiting [www.crestron.com/contact/our-locations](#) for your local contact.

The original language version of this document is U.S. English. All other languages are a translation of the original document.

The product warranty can be found at [www.crestron.com/warranty](#)

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

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

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