

Driver – FridayForge Door Lock UI Tile Virtual

version 1.0.1

Driver

This release note is for the Crestron driver FridayForge_DoorLock.

This driver is the FridayForge Door Lock tile. It shows a lock's state on a tile page with Lock and Unlock buttons. Each press raises a Crestron Home event that the installer connects to the real lock in Actions & Events.

Notes and Recommendations

The tile does not talk to a lock itself. Use the **Set State** actions to tell the tile what the real lock reports, so the tile always matches the lock. An optional auto-lock timer raises an event a set time after the lock is unlocked, which the installer connects to the lock's lock command.

The driver works free for 2 hours after the processor starts. To keep using it, install the FridayForge License Manager and buy a licence for this driver at forgedbyfriday.com. A licensed driver keeps working only while the License Manager is installed and running on the same processor. While the driver is locked its buttons are hidden and it ignores presses and actions.

System Requirements and Dependencies

- Crestron Home OS 4.x with extension-device (UI tile) support

Installation/Upgrade Instructions

Installation

- Copy the .pkg file to the Crestron Home Configurator and install it (Settings > Drivers).
- Add the device in the Configurator and fill in the installer settings below. The tile needs no network address.
- Assign the tile to its room. In Actions & Events, use the tile's events as triggers and its actions as outputs.
- **After you install a newer version of the driver, you do not need to remove it.** If the update adds new settings, Crestron Home asks the installer to review them before the driver comes back online.

Installer Settings

Setting	Description
Show on Room Page	Show the tile on its room's page. Default: on.
Show on Home Page	Also show the tile on the Home page. Default: off.
Tile Title	Title shown at the top of the tile page. Default: Door Lock.
Tile Icon	Icon on the room/home tile. Default: icLocksOffDisabled.
Lock Button Label	Blank hides the button. Default: Lock.
Unlock Button Label	Blank hides the button. Default: Unlock.

Auto-Lock After (seconds)	After the lock is set to Unlocked, raise the Auto-Lock Timer Expired event after this many seconds. 0 turns the timer off. Default: 0.
Debug Log	Troubleshooting only. Adds more detail to the driver log used in FridayForge support reports. Default: off.
CH Icon Reference	A link to Crestron's list of valid icon names, for the icon settings.

Using Driver Events in Sequences

Event	Raised when
Lock – Pressed	Lock is pressed on the tile or by the Lock – Press action.
Unlock – Pressed	Unlock is pressed on the tile or by the Unlock – Press action.
Auto-Lock Timer Expired	The auto-lock time ends after an unlock.

Actions: **Lock – Press**, **Unlock – Press**, **Cancel Auto-Lock Timer**, **Set State – Locked** and **Set State – Unlocked**. The two Set State actions change what the tile shows and raise no event.

End-User Experience

What Appears in Crestron Home

Item	Description
Door lock tile	One tile with a page that shows the lock state and has Lock and Unlock buttons.

Tile Pages

The tile shows Locked, Unlocked or Unknown. The page shows the same in a state line, and the current state's button is marked with an arrow. While the auto-lock timer runs, the state line shows the time left.

Limitations/Known Issues

- The driver raises events only; the real lock must be connected in Actions & Events.
- The state is Unknown after the processor starts until a button is pressed or a Set State action runs.
- The time left shown while auto-lock runs refreshes when the tile updates, not every second.

Supported Features

- Lock and Unlock buttons with state feedback
- Lock, Unlock and Auto-Lock events
- Set State actions for feedback from the real lock
- Optional auto-lock timer
- Blank labels hide buttons

Test Environment

- Crestron Home OS 4.x

Supported Models

- FridayForge Door Lock Tile

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Version History

1.0.1 2026-10-31

Changes since Last Version

New Features

- Initial release

Licensing and Copyright Information

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www.crestron.com/opensource

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