

LCD Dashboard for Crestron Home

A dashboard for the whole house, from LCD (Lighting Control & Design). It opens in any browser on the home network: a phone, a tablet, a computer or a wall display.

- **Every room:** lights and their levels, shades, doors and locks, occupancy, temperature, media and active scenes, with a summary of the whole house.
- **Alerts:** doors left open, devices offline, low batteries, security alarm and fire, and processor problems. Each kind of alert is also a Crestron Home event for sequences.
- **Energy:** estimated energy use and cost for the lighting, by room and by load.
- **System:** the processor's load, memory, storage, uptime and errors, with history and a troubleshooter.
- **Your own dashboards** built from cards, and a wall-tablet mode.

The dashboard shows the house. It doesn't control it.

Requirements

- A 4-series Crestron Home processor.
- A licence key. A 30-day trial key and full keys are available from store.lcd.network. One licence per processor.
- Internet access from the processor for the first licence check.
- A phone, tablet or computer on the home network.

Installing

1. In the Crestron Home setup app, switch on the **Web API** under **Installer Settings**.
2. **Reboot the processor.** A newly switched-on Web API doesn't answer until the processor has restarted.
3. Add the driver to a room: **Drivers > UI Tiles > LCD > Dashboard**. Add it once per processor. It covers the whole house, and a second copy stays idle.
4. On the **Licence** step, enter the licence key and press **Next**.
5. On the **Dashboard** step, press **OPEN DASHBOARD**. This opens the installer view.

The driver finds the Web API token by itself. To check the installation, open the **System** page and select **Run all checks** in the troubleshooter.

The dashboard has a fixed address. It stays the same after a reboot and after the device is removed and added again. Give the processor a DHCP reservation so its IP address stays the same too.

Setting it up

In the installer view, open **Settings**:

- **Appearance:** the default style for the homeowner view and the installer view (Classic, Ambient, Glance or Console).
- **Crestron Home tile:** whether the Dashboard tile shows on the Home page, the room page, or both.
- **Branding:** your logo, company name and support details.
- **Energy:** the tariff, and the watts of each lighting load. Loads can be imported and exported as CSV.
- **Alert settings:** switch each alert on or off and set its threshold.

Edit dashboards builds pages from cards: rooms, lights, scenes, alerts, energy, a clock, a note or your logo, with separate layouts for phone, tablet and desktop. For a wall tablet, tick **Kiosk settings for this dashboard** in the editor, then tick **Wall tablet** in **Share with homeowner** when you make its link.

Handing over

Select **Share with homeowner**. Choose a dashboard, a style and rooms for the link, then let the homeowner scan the QR code on the home Wi-Fi, copy the link, or print a handover card. The homeowner view shows the Overview, Alerts and Energy pages.

Alerts in Crestron Home programming

Each kind of alert raises its own event when it starts: `AlertDoorOpenTooLong` , `AlertLockUnlockedTooLong` , `AlertSecurityAlarm` , `AlertSecurityFire` , `AlertDeviceOffline` , `AlertBatteryLow` , `AlertProcessorRestarted` , `AlertErrorsClimbing` , `AlertCpuHigh` , `AlertMemoryHigh` , `AlertStorageLow` and `AlertApiUnreachable` . Use them as sequence triggers. An alert that is switched off, snoozed or dismissed doesn't raise its event.

Things to know

- The dashboard works on the home network only. There is no sign-in: anyone on the home network with the installer link can open the installer view.
- Locks added by other drivers, including LCD's 2N Lock, show through their Lock scene as **Locked** or **Not confirmed locked**.
- A security system's state shows only when its driver reports one to Crestron Home.
- Energy figures are estimates from each light's level and the watts you enter.
- Alert history and energy figures are kept on the processor and aren't part of a Crestron Home backup. Download the CSVs before replacing a processor.

The full guide is on the LCD documentation site, lcd.network, under **LCD Dashboard for Crestron**.

Support

support@lightingcontrol.co.uk. The troubleshooter on the System page shows what to fix for each failed check.