



UI Tiles – AV Solutions – Multi Text Display Tile - Cloud

version 2.0000.0011

Driver

This release note is for the AV Solutions Multi Text Display Tile Extension.

Notes and Recommendations

Drivers->UI Tiles->AV Solutions-> Multi Text Display Tile

System Requirements and Dependencies

The following minimum versions and dependencies are required for this driver:

- Crestron Home v4.010.0260
- An offline license is required for the driver to operate beyond its 2-hour trial

Introduction

This UI extension driver provides the integrator with the ability to add up to 30 text displays within a single tile. The tile can be typically used to simplify the users' experience by consolidating status information and text values that would otherwise require multiple separate tiles scattered around the UI. Each text display can be configured to update in real time (through configuration) from existing Crestron Home functions, allowing the user to see multiple values immediately. Its primary purpose is to enhance the users' experience by enabling monitoring of multiple values or statuses under a single tile.

Note: This driver is display-only and does not provide any control actions.

Key Features

- Flexible Viewing Options: Can be viewed at the room level, on the home page, or both, for intuitive access tailored to user preferences.
- Customization: Supports up to 30 text displays under a single tile with custom labels.
- Real-Time Feedback: Each text display reflects a live value pushed in from Crestron Home logic, so the tile always shows the current state of its source.

- **State Persistence:** Automatically saves and loads driver state upon processor reboot, ensuring seamless recovery of each field's displayed text.
- **Quick Actions Integration:** Supports Crestron Home Quick Actions to update field text states from global shortcuts, enhancing accessibility and one-tap automation.

Installation/Upgrade Instructions

Installation Settings

License Key

Obtain a license key from your provider. The driver operates in trial mode for 2 hours without a key.

Enter License Key Here

Display In Home Page

Show this tile on the Home page. ☒

Display In Room

Show this tile at the room level. ☒

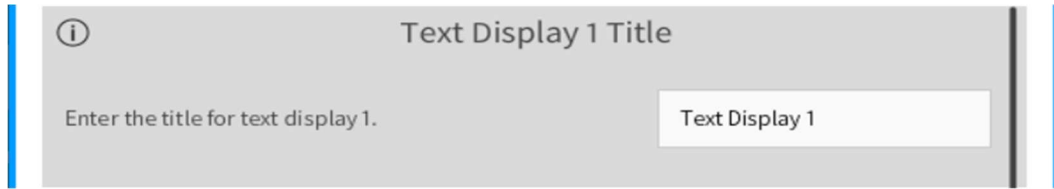
- **License Key:** Required for indefinite use; without it, the driver enters a 2-hour trial mode.
- **Display In Home Page:** Leave checked to show the tile on the home page. Uncheck to hide
- **Display In Room:** Leave checked to show the tile on a room level. Uncheck to hide

The screenshot shows a configuration interface with three sections, each with an information icon (i) in the top left corner. The first section is titled 'Persist Messages To NVRAM' and contains the text 'Save the current text messages so they are restored after a processor reboot.' followed by a checked checkbox. The second section is titled 'Page Main Title' and contains the text 'Title shown on the tile's inner page.' followed by a text input field containing 'Multi Text Display Tile'. The third section is titled 'Icon Keys' and contains the text 'The icon keys can be found at this link.' followed by a text input field containing the URL 'https://sdkcon78...'. A vertical scrollbar is visible on the right side of the interface.

- Persist State To NVRAM: Enables state saving/loading to non-volatile RAM for recovery after reboots or power loss
- Page Main Title: Custom Title for the page once tile opens.
- Icon Keys: The link takes you to the website with all the Icon Keys supported by Crestron SDK.

The screenshot shows a configuration interface with two sections, each with an information icon (i) in the top left corner. The first section is titled 'Tile Icon' and contains the text 'Icon key shown on the tile.' followed by a text input field containing 'icGenericDeviceOn'. The second section is titled 'Number Of Text Displays' and contains the text 'The quantity of text displays to show (1-30).' followed by a text input field containing '5'. A vertical scrollbar is visible on the right side of the interface.

- Tile Icon: Enter the desired Icon Key for the icon to be shown on the tile.
- Number of Text Displays: Enter the number of text displays to be shown inside the tile.



- Text Display x Title: Enter a descriptive title for each text display.

Actions & Events

- Actions

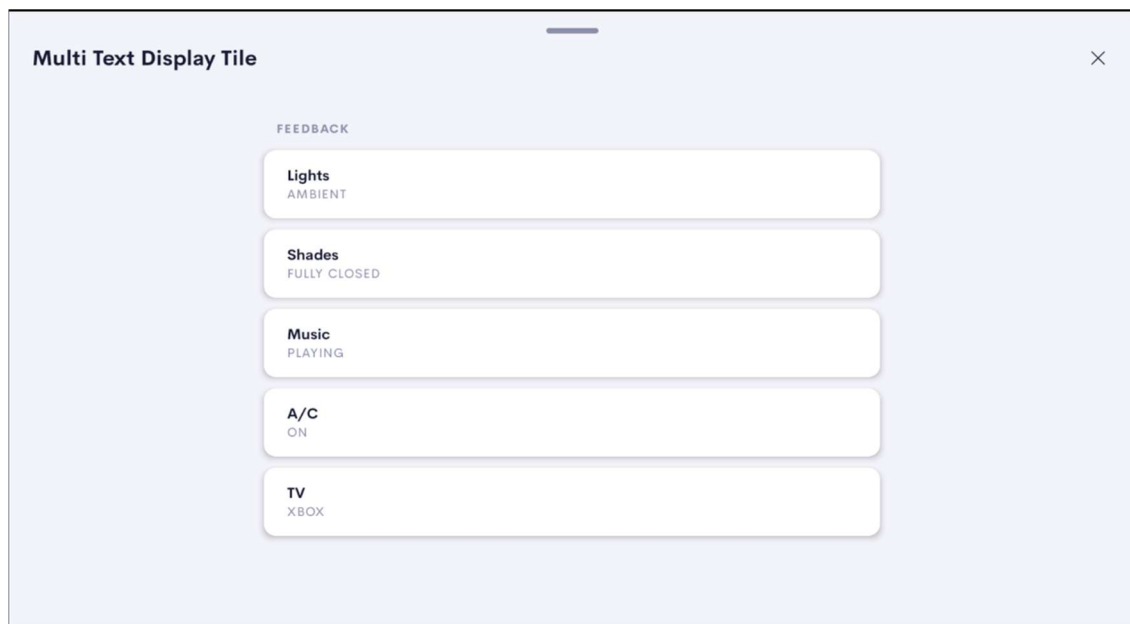
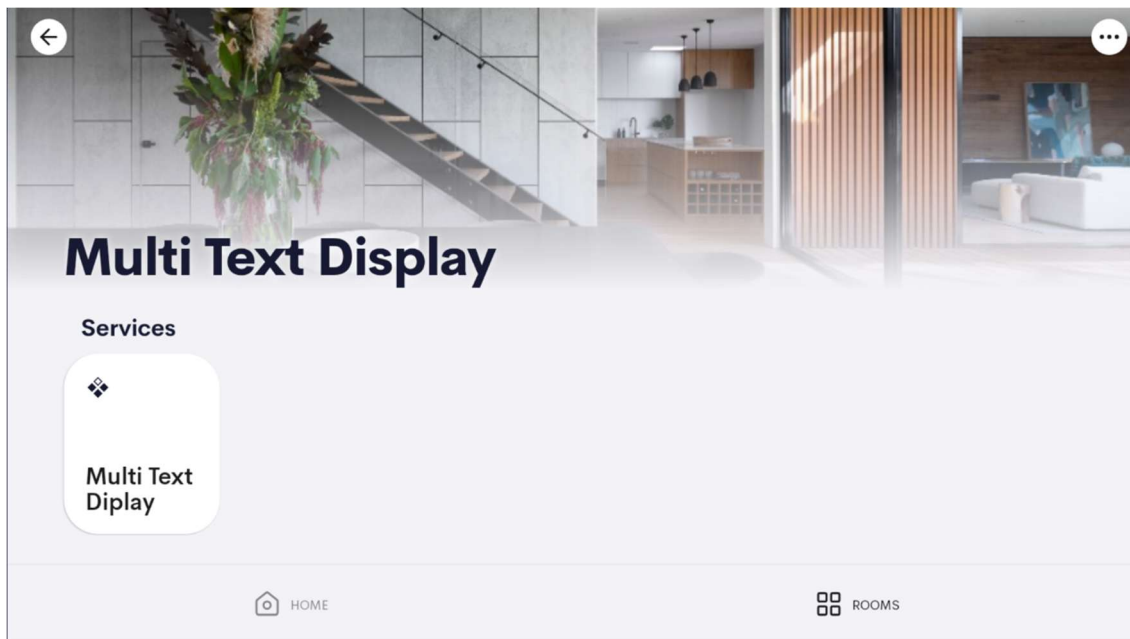
Mode Sequence < Multi Text Display + Txt 01: Text Display 1 Message	• Txt NN: [Title] Message (String): Writes the supplied string into text display NN. One operation is generated for each displayed field and is named automatically from that field's installer title.
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- No Events available

Setup Guide: Displaying Live Values

Now that the driver is added and the basic parameters are set, you can wire each text display to a Crestron Home function so that it updates in real time. This driver is display-only and acts as a one-way data sink: it never sends commands to other devices. Instead, your Crestron Home programming (or a Quick Action) pushes a string into a field using that field's Message operation, and the tile immediately shows the new value. Bind the source's feedback, such as temperatures, security states, occupancy, or presets, to the matching 'Txt NN: [Title] Message' action so each field stays synchronized with the real-world value.

End-User Experience



Limitations/Known Issues

This driver is display-only: it shows text and exposes no interactive controls, tap actions, or events. A maximum of 30 text displays is supported per tile, and each field's message must be supplied by Crestron Home programming (the tile does not query devices on its own).

Supported Features

- Display status and values as text, driven by live Crestron Home feedback

Test Environment

- Crestron Home v4.010.0260

Contact Information

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Version History

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