



UI Tiles – AV Solutions – Multi Segmented Slider Tile - Cloud

version 2.0000.0013

Driver

This release note is for the AV Solutions Multi Segmented Slider Tile Extension.

Notes and Recommendations

Drivers->UI Tiles->AV Solutions-> Multi Segmented Slider Tile

System Requirements and Dependencies

The following are required to run 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 segmented sliders within a single tile. The tile can be typically used to simplify the users' experience by consolidating level-based controls (e.g., volume, brightness, fan speed) that would otherwise require multiple quick actions or separate tiles scattered around the UI. Each slider can be configured to support real-time level feedback (through configuration) for existing Crestron Home functions, allowing the user to see at a glance the current level of each function. Its primary purpose is to enhance the users' experience by enabling monitoring and adjustment of multiple devices or functions under a single tile.

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 sliders under a single tile with custom labels.
- Real Feedback Configuration: Enables true status feedback from devices, ensuring the UI reflects actual segment states for each slider individually.
- State Persistence: Automatically saves and loads driver state upon processor reboot, ensuring seamless recovery of active/inactive statuses and configurations.

- Quick Actions Integration: Supports Crestron Home Quick Actions to update slider states from global shortcuts, enhancing accessibility and one-tap automation.

Installation/Upgrade Instructions

The screenshot shows a mobile application interface titled "Installation Settings". It contains three main sections, each with an information icon (i) in the top left corner:

- License Key:** The text reads "Obtain a license key from your provider. The driver operates in trial mode for 2 hours without a key." To the right of this text is a text input field labeled "Enter License Key Here".
- Display In Home Page:** The text reads "Show this tile on the Home page." To the right of this text is a checked checkbox.
- Display In Room:** The text reads "Show this tile at the room level." To the right of this text is a checked checkbox.

- 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

i

Persist State To NVRAM

Save the slider values so they are restored after a processor reboot.

☒

i

Page Main Title

Title shown on the tile's inner page.

Multi Segmented Sliders

i

Icon Keys

The icon keys can be found at this link.

<https://sdkcon78...>

- 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.

i

Tile Active Icon

Icon key shown on the tile when ANY slider value is above the minimum.

icGenericDeviceOn

i

Tile Inactive Icon

Icon key shown on the tile when ALL sliders are at the minimum.

icGenericDeviceOff

i

Number Of Sliders

The quantity of segmented sliders to display (1-30).

5

- Tile Active Icon: Enter the desired Icon Key for the icon to be shown on the tile when active.
- Tile Inactive Icon: Enter the desired Icon Key for the icon to be shown on the tile when inactive.
- Number of Sliders: Enter the number of sliders to be shown inside the tile.

Slider 1 Name Enter the label for slider 1. Slider 1
Slider 1 Segment Count Number of segments for slider 1 (2-5). Values below 2 or above 5 are clamped. 5

- **Slider x Name:** Enter the desired text representing the slider.
- **Slider x Segment Count:** Enter the number of segments (2 to 5) to be present on the slider.

Actions & Events

- **Actions**

Mode Sequence < Multi Segmented Sliders + Sld 01: Slider 1 Set Value + Sld 01: Slider 1 Status Value	• Slider x Set Value: Triggers the Event corresponding to the numbered segment (fires the event only; the slider does not move) • Slider x Status Value: Sets the state of the slider to the numbered segment (moves the visible slider as feedback; fires no event)
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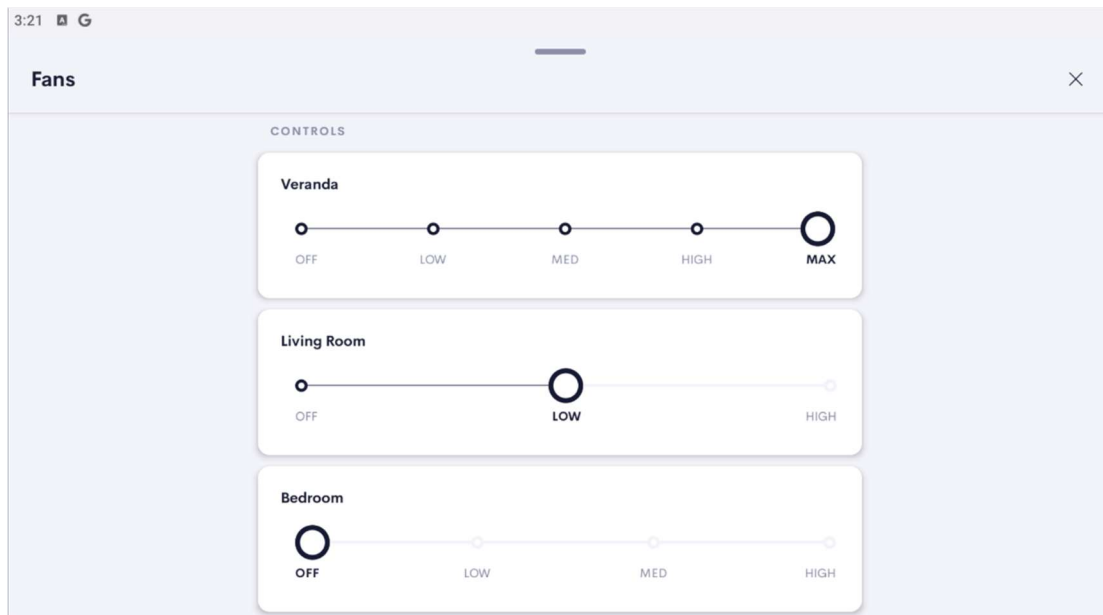
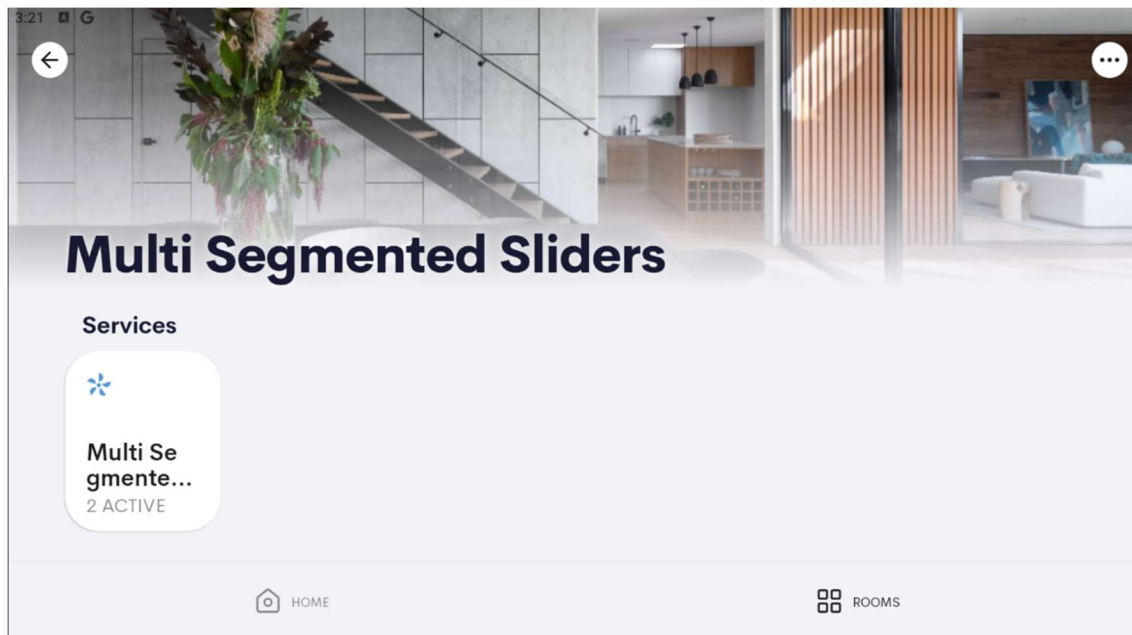
- Events

 Sld 01: Slider 1 Segment 1	• Slider x Segment 1: Set Event to trigger when the slider is dragged to the first segment
 Sld 01: Slider 1 Segment 2	• Slider x Segment 2: Set Event to trigger when the slider is dragged to the second segment
 Sld 01: Slider 1 Segment 3	• Slider x Segment 3: Set Event to trigger when the slider is dragged to the third segment
 Sld 01: Slider 1 Segment 4	• Slider x Segment 4: Set Event to trigger when the slider is dragged to the fourth segment
 Sld 01: Slider 1 Segment 5	• Slider x Segment 5: Set Event to trigger when the slider is dragged to the fifth segment

Setup Guide: Device Control and Synchronization

Now that the driver is added and basic parameters are set, you can configure it to efficiently control other devices (e.g., via events and actions), update the slider segments states based on the controlled device's feedback to keep everything fully synchronized and create Quick Actions for related operations. This ensures bidirectional communication—your tile not only sends commands when a slider is dragged but also reflects real-world states.

End-User Experience



Limitations/Known Issues

Reducing the Number of Sliders, or lowering a slider's Segment Count, after Actions/Events have been wired will remove the programmer bindings for the sliders or segments that are no longer shown. Re-wire any affected logic after changing these values.

Supported Features

- Set controlled devices using the slider segments
- Synchronize tile state depending on the controlled device feedback

Test Environment

- Crestron Home v4.010.0260

Contact Information

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Version History

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