

SMART PANEL

Smart Panel module configuration in version v7

Note!

Smart Panel in version v7 is available for Object Manager in version 1.4.1 and higher and for CLU Z-Wave with firmware 5.14.01 and higher.



New functionality

A. `PANEL_PAGE`: Dedicated method for blocking buttons / gestures - `StartCleaningMode`

The `StartCleaningMode` method allows you to block the operation of buttons, gestures and screen refresh for a defined time (given in seconds) in order to, for example, clean the panel. After the set time has elapsed, the functionality of module is restored.

B. Thermostat UI Changes

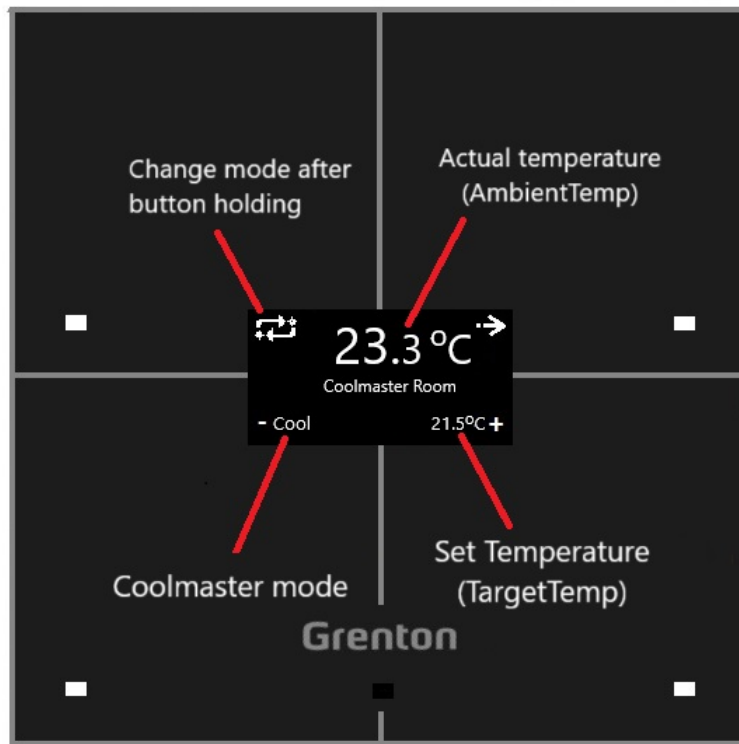
The following changes have been made to the thermostat UI:

- Display of thermostat operating mode (heating / cooling) - in the case of an activated output (`ControlOutValue`), an appropriate icon is displayed based on the set mode (`ControlDirection`):
 - for `ControlDirection = 0` (Normal) 
 - for `ControlDirection = 1` (Reverse) 
- Pressing the `-` and `+` buttons changes the temperature by 0.5°C. Additionally, holding the buttons causes a single change of 0.5°C (the same behavior as when clicking).

C. Support for Coolmaster objects on the Thermostat type page

Version V7 introduces the ability to support Coolmaster objects on the Smart Panel thermostat's type page. Configuration is performed in a similar way as in the case of remote thermostats. On the `PANEL_PAGE` page, define:

- `Object_X_Id` - providing the Coolmaster virtual object identifier (e.g. `CLU521900001->CO05044`).
- `Object_X_Name` - the name of the Coolmaster object.



Smart Panel also displays information in the event of desynchronization in a given Coolmaster virtual object:

Desynchronization of the operating state (`State = -`):

- `Dsyn` appears in place of the current operating mode,
- holding the button to change the operating mode causes the `State` to be resynchronized to `On`,
- holding the button to change the operating mode changes the operating mode (`Mode`) to the first one on the `SupportedModes` list.

Desynchronization of the operating mode (`Mode = -`):

- `Dsyn` appears in place of the current operating mode,
- holding the button to change the operating mode changes the operating mode (`Mode`) to the first on the list `SupportedModes`.

Desynchronization of the set temperature (`TargetTemp = -`):

- `...` appears in place of the target temperature,
- clicking the buttons responsible for changing the temperature sets `TargetTemp` near `AmbientTemp` (+/- 0.5 st.C).

Predefined button behavior:

Button	Short/long press	Behavior description
Top left	Short press (click)	Generate <code>OnThermXModeButtonClick</code> event, where X is the thermostat number on the page
Top left	Long press (hold)	Change Coolmaster mode - in case of supporting all modes, the order is: Off -> Cool -> Heat -> Fan -> Dry -> Auto -> Off
Top right	Short press (click)	Go to the next Coolmaster object on the page in case of more than one object on the page Go to the next page in case of only one object on the given page
Top right	Long press (hold)	Go to the next page
Bottom left	Short press (click)	Decrease target temperature (<code>TargetTemp</code>) by 0.5°C
Bottom left	Long press (hold)	Decrease target temperature (<code>TargetTemp</code>) by 0.5°C
Bottom right	Short press (click)	Increase target temperature (<code>PointValue</code>) by 0.5°C
Bottom right	Long press (hold)	Increase target temperature (<code>PointValue</code>) by 0.5°C