

Connecting in-lite outdoor lighting system

Introduction

The in-lite logic module can be used to link the in-lite lighting system to the Gira X1/L1, allowing the in-lite smart products to be operated via the KNX system or the Gira Smart Home app.

Functionality

The logic module enables communication between the X1/L1 and the in-lite SMART BRIDGE to communicate using a local LAN connection. This makes it possible that the in-lite devices become part of the building bus system controlled by a KNX system, such as using a KNX push-button sensor to activate an in-lite Scene.

Using the in-lite logic module

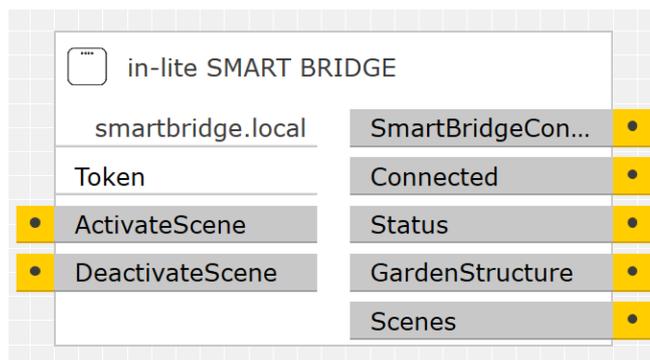
In order to use the logic nodes, you will need an in-lite smart system, including, a SMART BRIDGE and SMART HUB, with optional Smart lights. The in-lite app (iOS or Android) must be used to initially configure the SMART BRIDGE, SMART HUB and Smart lights.

For every in-lite smart product there is a corresponding logic module available. These include SMART HUB, SMART BRIDGE, SMART LIGHTS and SMART LIGHTS GROUP. The SMART BRIDGE module is mandatory for the in-lite garden connection.

The logic modules can be used to control an in-lite smart garden. It is also possible to connect multiple in-lite gardens. For each garden a SMART BRIDGE is required.

Adding new SMART HUBS, Smart lights or Scenes can be done via the in-lite app. Adding, editing and removing Scenes requires an internet connection. Saved Scenes can be activated using only a local LAN connection.

Additionally, the SMART BRIDGE logic module provides an overview of the configured in-lite products in the garden and a list of the saved Scenes. Use the displayed ID numbers to connect them.



Supported features:

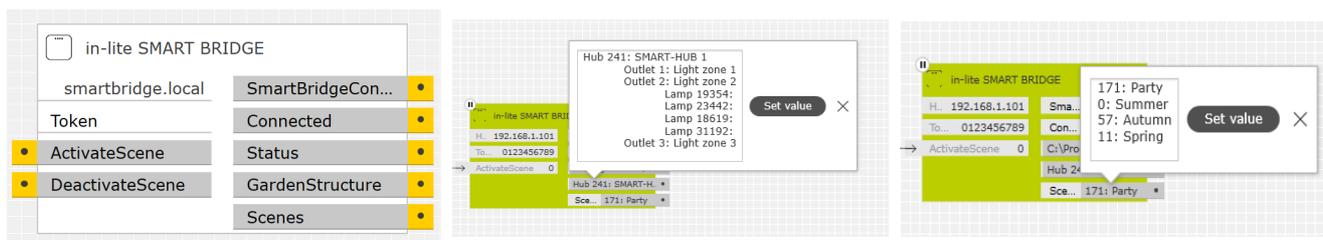
- Controlling lightzones: on/off
- Controlling Smart lights: Color changing, dimming and on/off
- Controlling Smart lights Groups: Color changing, dimming and on/off
- Activating saved in-lite Scenes
- Status updates: Connections with Garden
- Garden and Scene overview

The logic module does not support device discovery. The SMART BRIDGE IP address is entered in the parameters of the logic module. The IP address is visible in the in-lite app.

SMART BRIDGE

The SMART BRIDGE module connects the Gira X1/L1 to an in-lite SMART BRIDGE.

Communication with X1/L1 via LAN connection



Parameter

Name	Description
Hostname	Smart bridge IP address. Visible in the in-lite app.

Token

Login token. Visible in the in-lite app

Inputs

Name	Port type	Description
ActivateScene	Number	Activation of a saved Scene. Available Scenes (ID) overview, see parameter output: Scenes
DeactivateScene	Number	Deactivation of a saved Scene. Available Scenes (ID) overview, see parameter output: Scenes

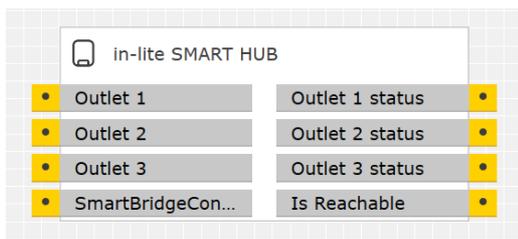
Outputs

Name	Port type	Description
SmartBridgeConnection		Connection to the SMART BRIDGE. Connect this to the other in-lite modules.
Connected	Binary	Returns the status of whether the SMART BRIDGE is connected to the logic module.
Status	Binary	Connection status and errors for debugging.
GardenStructure	Text	Overview of the smart products in the in-lite Garden. List of SMART HUBs and Smart lights with ID's. Connect the SMART BRIDGE and start the simulation to view the GardenStructure.
Scenes	Text	List of saved scenes with IDs. Connect the SMART BRIDGE and start the simulation to view the Saved Scenes.

SMART HUB

Module to control an in-lite SMART HUB.

Controls the 3 outlets of a SMART HUB. Each SMART HUB requires a separate SMART HUB module.



Parameter

Name	Description
Hub ID	The unique ID number of the SMART HUB. This number can be found in the GardenStructure field of the SMART BRIDGE module (in simulation mode).

Inputs

Name	Port type	Description
Outlet 1	Binary	Light zone of SMART HUB, on or off 0 - Turns off lichtzone 1. 1 - Turns lightzone 1 on.
Outlet 2	Binary	Light zone of SMART HUB, on or off 0 - Turns off lichtzone 2. 1 - Turns lightzone 2 on.
Outlet 3	Binary	Light zone of SMART HUB, on or off 0 - Turns off lichtzone 3. 1 - Turns lightzone 3 on.
SmartBridgeConnection		Connection to the SMART BRIDGE module

Outputs

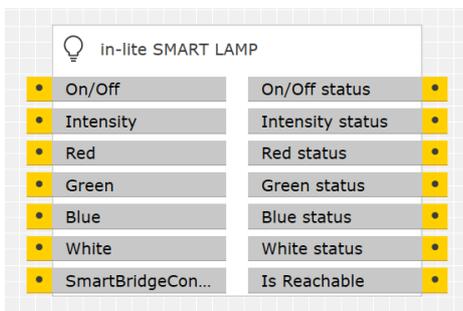
Name	Port type	Description
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SmartBridgeConnection		Connection to the SMART BRIDGE. Connect this to the other in-lite modules.
Outlet 1 Status	Binary	On/Off status of lightzone 1 0 - Light zone 1 is off. 1 - Light zone 1 is on.
Outlet 2 Status	Binary	On/Off status of lightzone 2 0 - Light zone 2 is off. 1 - Light zone 2 is on.
Outlet 3 Status	Binary	On/Off status of lightzone 3 0 - Light zone 3 is off. 1 - Light zone 3 is on.
Is Reachable	Binary	Returns the status whether the SMART BRIDGE can reach the SMART HUB via the air.

SMART LIGHT

Module to control an in-lite Smart light.

Controls the light output of a Smart light. RGB, RGBW or WW lights. Color changing, dimming and On/Off. Each Smart light requires a separate Smart light module.



Parameter

Name	Description
Lamp ID	The unique ID number of the Smart light. This number can be found in the GardenStructure field of the SMART BRIDGE module (in simulation mode). Also, the ID can be found in the in-lite app.

Inputs

Name	Port type	Description
On/Off	Binary	Turning the Smart light on or off
Intensity	Percent	Light output intensity. min. 0 max. 100
Red	Percent	Light output red color. min. 0 max. 100
Green	Percent	Light output green color. min. 0 max. 100
Blue	Percent	Light output blue color. min. 0 max. 100
White	Percent	Light output white color. min. 0 max. 100
SmartBridgeConnection		Connection to the SMART BRIDGE module

Outputs

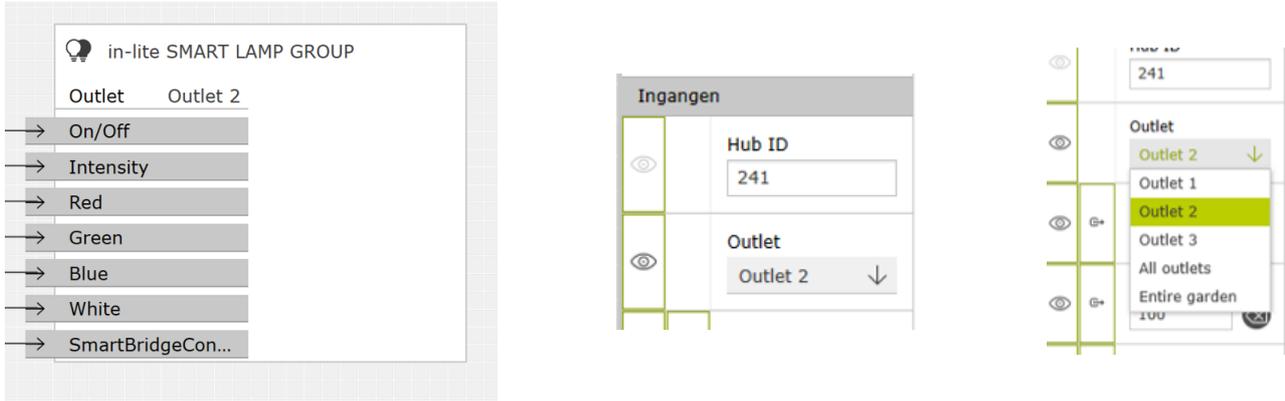
Name	Port type	Description
On/Off state	Percent	Returns the status on/off status of the smart light
Intensity state	Percent	Returns the status on/off status of the smart light
Red state	Percent	Returns the status of the red light channel.
Green state	Percent	Returns the status of the green light channel.
Blue state	Percent	Returns the status of the blue light channel.

White state	Percent	Returns the status of the white light channel.
Is Reachable	Binary	Returns the status whether the SMART BRIDGE can reach the Smart light via the air.

SMART LIGHT GROUP

Module to control an in-lite Smart light group.

Controlling the light output of a Smart light group. Groups cannot be customized. Use the Hub ID and Outlet parameters to specify which SMART LAMP Group is targeted. The groups options are: all the smart lights connected to; Lightzone 1, lightzone 2, lightzone 3, SMART HUB or all Smart lights in the entire garden. Control options are: Color changing, dimming and On/Off. Each Smart light group requires a separate Smart light group module.



Parameter

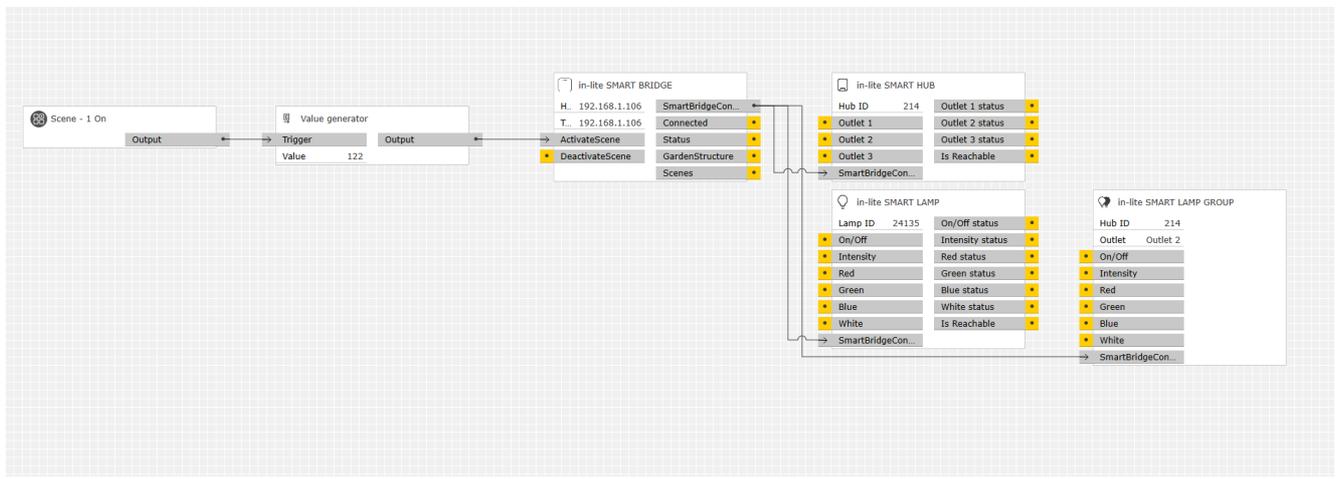
Name	Description
HUB ID	The unique ID number of the SMART HUB where the smart lights in the group are connected to. This number can be found in the Gardenstructure field of the SMART BRIDGE module (in simulation mode). Also, the ID can be found in the in-lite app.
Outlet	Select the outlet defining the smart light group. When the Entire garden is selected, no Hub ID is needed.

Inputs

Name	Port type	Description
On/Off	Binary	Turning the Smart light group on or off
Intensity	Percent	Light output intensity. min. 0 max. 100
Red	Percent	Light output red color. min. 0 max. 100
Green	Percent	Light output green color. min. 0 max. 100
Blue	Percent	Light output blue color. min. 0 max. 100
White	Percent	Light output white color. min. 0 max. 100
SmartBridgeConnection		Connection to the SMART BRIDGE module

Example connection between in-lite nodes

Connect the SmartBridgeConnection of the SMART BRIDGE module to the SmartBridgeConnection input nodes of the other in-lite nodes.



Gira Project Assistant Help