

Sensors & Controls

sceneCOM infinity

Manual

Infinity mode



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1 Infinity mode

This quick commissioning guide provides a quick overview of Infinity mode for *sceneCOM*. Enabling Infinity mode gives you access to apps that are only available in Infinity mode. You can also create an Infinity system consisting of several *sceneCOM* controllers.

2 Requirements

Ensure that these requirements are met:

- The following requirements must be fulfilled by the network infrastructure (e.g. routers, switches):
 - TCP/IP must be supported on ports 80 and 8080. TCP/IP can also be supported on port 443, so that the network infrastructure already meets the requirements for subsequent enhancements to the software.
 - IP-Multicast (particularly the User Datagram Protocol (UDP) as the transport layer) must be supported. If IT has any particular requirements in this respect, the multicast addresses and multicast ports can be configured in the **Infinity mode** app.
- The *sceneCOM* controller must have at least hardware batch **B3**.



Note

The hardware batch can be found on the batch label of the *sceneCOM* controller in the second position; e.g. V1.00 **B3A** M17.

- Before the software update, *sceneCOM* platforms with hardware batch **B3** must be updated to version 2.2.1 or higher.
- The software version must be updated to version 2.16.0 or higher (app overview > **Basic settings** > **Software versions**).

Meet requirements

Done



3 Preparation

1. Connect the *sceneCOM* controller and computer via an Ethernet cable.
2. Change the IP address and optionally the device designation.
(App overview > **Basic settings** > **Network settings**)



Note

- The standard IP address for the *sceneCOM* controller is: <http://10.10.40.254>.
- Obtaining the IP address automatically (via a DHCP server) is not permitted.
- The maximum length of the device designation is four characters, e.g. SC01, 0001 or GF01.
- If multiple *sceneCOM* controllers are added to the Infinity system, the device designations must be unique, i.e. no two *sceneCOM* controllers in the Infinity system can have the same device designation.

3. Set the time zone for the *sceneCOM* controller.
(App overview > **Basic settings** > **Date and time**)



Note

- In order to combine several *sceneCOM* controllers in one Infinity system, ensure that the same time zone is set for all *sceneCOM* controllers.
- The date and time are automatically changed depending on the time zone.
- If the time zone has been changed, the *sceneCOM* controller is restarted. This process may take several minutes. The start page is then displayed.

4. Connect the *sceneCOM* controller to the network.

Complete preparation

Done



4 Activating basic licence (Infinity)

Requirement:

— The basic licence number (Infinity) and Infinity ID are at hand.

▷ Enter the basic licence number (Infinity) and Infinity ID.

(App overview > **sceneCOM Store** > **Basic lic. (Infinity)** > **Activate licence**)



Note

- To access the ordered licence numbers, go to the website scenecom.tridonic.com and enter the reference number (HW-ID) for the *sceneCOM* controller.
- The same Infinity ID must always be used when extending the system.

Activate the basic licence (Infinity)

Done



5 Enabling Infinity mode

1. Open the **Infinity mode** app.
(App overview > **Infinity mode**)
2. Enter name of the Infinity system.
3. If necessary, show the **Advanced settings** option in order to change multicast addresses and multicast ports.
4. Tap on **Enable**.

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Note

- In order to combine several *sceneCOM* controllers in an Infinity system, you must always enter the same name as the name of the Infinity system.
- Only ASCII characters can be used in the name of the Infinity system.
- In order to combine several *sceneCOM* controllers in an Infinity system, the same advanced settings (e.g. OM-Multicast address and OM-Multicast port) must be set for all *sceneCOM* controllers.
- If multiple *sceneCOM* controllers are added to the Infinity system, the device designations must be unique, i.e. no two *sceneCOM* controllers in the Infinity system can have the same device designation.
- As soon as the control device has been enabled in Infinity mode, the Infinity ID is displayed in the licensing information in the sceneCOM Store instead of the reference number.
- As soon as the controller has been enabled in Infinity mode, the display of the app overview changes and the **Addressing wizard** app is no longer available, for example.
- If you would like to use two or more Infinity systems in a network, you must note the following:
 - The names of the Infinity systems must be different.
 - The OM-Multicast addresses and the CMD-Multicast addresses must be different.
 - The OM-Multicast ports and the CMD-Multicast ports can be identical or different.

Enable Infinity mode

Done



6 Extending the Infinity system

Requirements:

- Preparation of other *sceneCOM* controllers is complete.
- Other *sceneCOM* controllers are connected to the existing network.
- The **Basic licence (Infinity)** is activated for all *sceneCOM* controllers with the same Infinity ID.
- The time zone of the other *sceneCOM* controllers does not match the time zone of the *sceneCOM* controller that has already been enabled.

In order to combine several *sceneCOM* controllers in an Infinity system, Infinity mode must be enabled for the other *sceneCOM* controllers. To do this, repeat Section 5.

Extending the Infinity system

Done



7 Next steps

- Activate licences for other apps in the sceneCOM Store.



Note

Since the hardware licences are disabled when Infinity mode is enabled, previously licensed apps are no longer enabled in Infinity mode. These must therefore be re-licensed.

- If a new system is being commissioned or a system is being extended, address the devices.
- In the event of an upgrade from a *sceneCOM* system to *sceneCOM infinity*, configure the necessary functions.