

Gigaset

ONE X5100

Quick start guide

For users of **Smart Home**

About Gigaset **ONE X5100**

Gigaset **ONE X5100** is a Z-Wave Plus Secure (S0) enabled controller. This means it can communicate with other Z-Wave Plus Security Enabled devices securely using AES-128 encryption.

To achieve even better security the controller has implemented (S2) Unauthenticated, (S2) Authenticated and (S2) Access Control security levels also. They guarantee even higher security for the user.

Gigaset **ONE X5100** serves as a base station for Z-Wave sensors and as a base station for Gigaset's Universal Handsets (HX).

Gigaset **ONE X5100** controller supports only one association group - the lifeline association group - and only one node can be assigned to it. The group is used by Gigaset **ONE X5100** to send Device Reset Locally Notification.

All Z-Wave Plus certified devices from any manufacturers are compatible with Gigaset **ONE X5100** Z-Wave Plus controller. If the devices added to the Z-Wave network are non-battery powered they will also act as repeaters for increasing network's reliability and enhancing the network's range.

How to install Gigaset **ONE X5100**

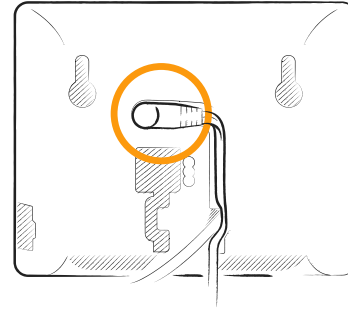
To start up Gigaset **ONE X5100**, please follow these steps and instructions.

Please also observe the instructions included.

For more information, go to www.gigaset.com

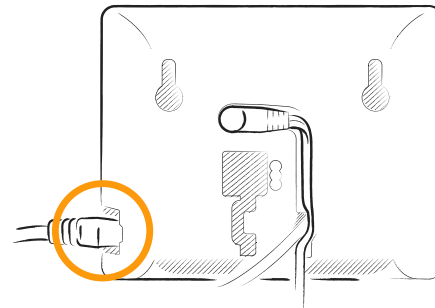
Step 1

Connect power adapter with Gigaset **ONE X5100** and plug into the socket.



The LED starts flashing green.

Use the LAN cable to connect your Router with Gigaset **ONE X5100**.



Step 2

Finding Gigaset **ONE X5100** IP address

Open your web browser, go to the web overview page of your router and log in there.

Select the overview of connected devices (e.g. Home Network) and search for the LAN port to which you have connected Gigaset **ONE X5100**.

Display the details there to find the IP address of Gigaset **ONE X5100** (e.g. 192.168.xxx.xx).

Step 3

How to enter the configuration page of Gigaset **ONE X5100**

Enter the IP address of Gigaset **ONE X5100** into your browser.

Choose Z-Wave Portal in the top left corner of the page.

Then log in with the following account information:

Username: user

Password: smarthome

Now you are on the Z-Wave Portal start screen.

Add a Z-Wave device via ADD DEVICE

- Enter the Z-Wave Portal
- From the menu choose **DEVICES** and then + **ADD DEVICE**
- Now start the inclusion procedure of your Z-Wave device according to its manual



Remove a Z-Wave device

- Enter the Z-Wave Portal
- Choose **MORE**, then **MAINTANACE** and then **REMOVE DEVICE**
- Now start the removing procedure of your Z-Wave device according to its manual

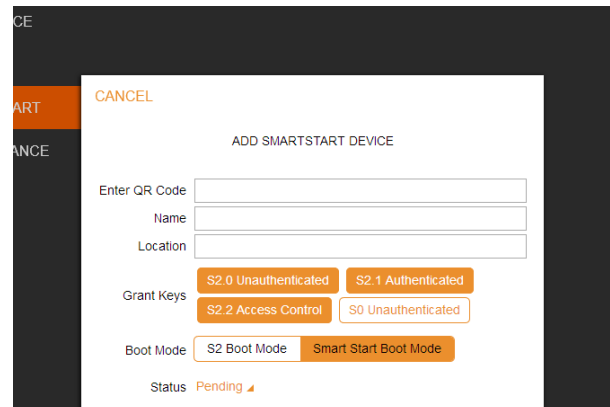
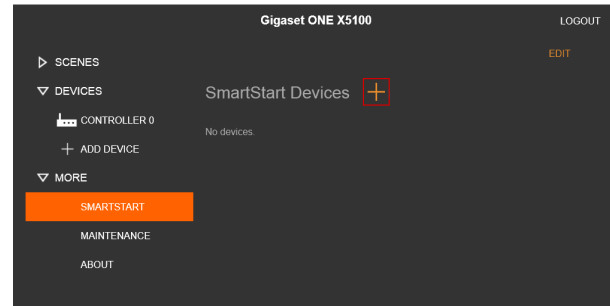


Add a Z-Wave device via SmartStart

A SmartStart-enabled Z-Wave product can be easily set up to work in an existing Z-Wave network with use of a Gigaset **ONE X5100** controller.

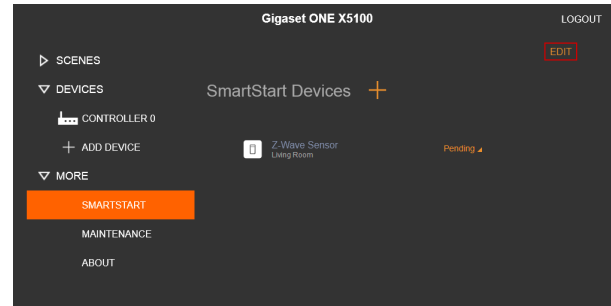
All you need to do is scan the Z-Wave QR Code present on the product using the Z-Wave Portal on your smartphone. If the product is switched on in range of the Z-Wave network, it will be automatically added no later than 10 minutes.

- Open a barcode reader on your smartphone and scan the barcode on the device you want to add
- Copy the barcode to your clipboard and enter the Z-Wave Portal
- Choose **MORE** then **SMARTSTART** and tab on "+"
- **Enter QR Code:** Paste the copied Z-Wave related code in the first line
- **Name:** Assign a name to the device
- **Location:** Assign a location where the device will be used
- **Grant Key:** Change the security level for your device
- **Boot Mode:** Set S2 Boot Mode if advanced settings are required for your device
- **Status:** Use Pending if you want to add your device. Use Ignored if you never want to add your device
- Now tab on **ADD DEVICE**, so Gigaset **ONE X5100** starts to scan for your device after it has been powered up



Managing added SmartStart devices

- Enter the Z-Wave Portal
- From the menu choose **MORE** then **SMARTSTART**
- The list of added devices will be displayed
- The status of each device is shown on right side, it can be changed to **Ignore** by selecting this status from the drop down list
- Click on **EDIT** (it will change to **DONE**) and now by clicking on the name of the device you are able to edit all entered previously parameters
- You can also delete the device by clicking on **bin** icon beside the device
- When there's no more changes to make, click on **DONE**.



Z-Wave Factory Reset

If this controller is the main controller for your network, resetting it will result in the nodes in your network being orphaned and it will be necessary after the reset to remove and add again all of the nodes in the network.

If this controller is being used as a secondary controller in the network, use this procedure to reset this controller only in the event that the network primary controller is missing or otherwise inoperable.

- Enter the Z-Wave Portal
- Tab on **MORE**, then **MAINTANACE** and then **RESET**
- Confirm Reset by choosing **CONFIRM** and after couple of seconds the Reset is finished



Add an inclusion controller to your Z-Wave network

- Enter the Z-Wave Portal
- Start to add a Z-Wave device like it is described in "Add a Z-Wave Device via ADD DEVICE"
- Start learning mode of your inclusion controller according to its manual
- After couple of minutes the new device will be in the same network as Gigaset **ONE X5100**

Adding Gigaset **ONE X5100** as an inclusion / secondary controller

Remark: Gigaset **ONE X5100** can be added as the inclusion controller or the secondary controller. This depends on the setting of the main controller, please refer to its manual.

- Make sure no Z-Wave devices are added to your Gigaset **ONE X5100** controller (only then the learn mode can be started)
- Start add Z-Wave device procedure on the main controller according to its manual
- Now enter Z-Wave Portal
- From the menu choose **MORE, MAINTANACE** and then **SET LEARN MODE** to add Gigaset **ONE X5100** as an inclusion / secondary controller
- After couple of minutes Gigaset **ONE X5100** is in the same network as the main controller



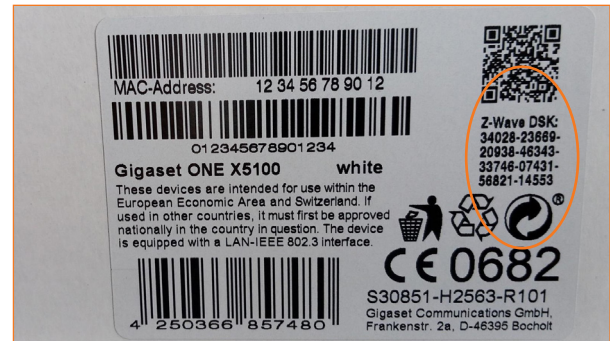
DSK and PIN

If you need the DSK or the PIN of the Gigaset **ONE X5100** you can find them:

- PIN: On the bottom right of the Gigaset **ONE X5100** vertical



- DSK: top right on the label of the packaging as QR code and underneath written out

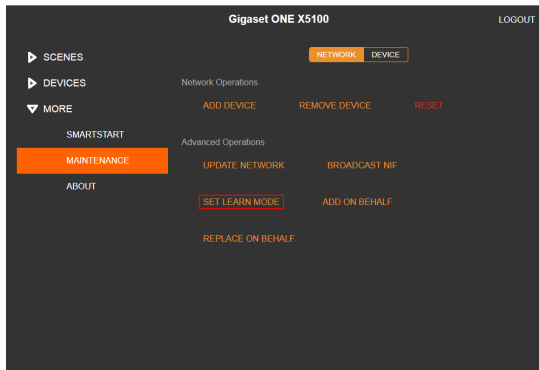


Setting Learn Mode, reading your DSK

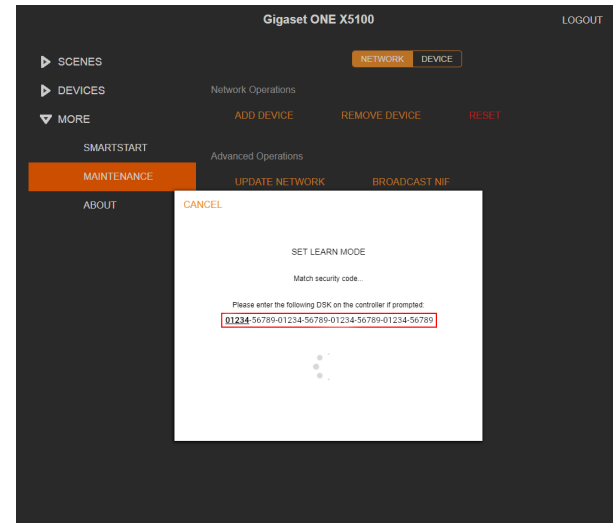
If your Gigaset **ONE X5100** has no sensors added (e.g. it has been just reset to factory settings) you can set the LEARN MODE and read DSK (Device Specific Key).

To do that:

- Enter the Z-Wave Portal
- From the menu choose **MORE** and **MAINTANANCE** and select **SET LEARN MODE**



The LEARN MODE is active, the DSK will be displayed in the popup after couple of seconds.



Controller copy to inclusion controllers / secondary controllers

If Gigaset **ONE X5100** is the SIS controller:

- Enter the Z-Wave Portal
- From the menu choose **DEVICES** and + **ADD DEVICE** or choose **MORE, MAINTANANCE** and select **ADD DEVICE**
- On the other device (inclusion controller or secondary controller) start Learning Mode according to the devices manual
- After couple of minutes both controllers will have the same network information (e.g. the list of nodes will be in sync)

If Gigaset **ONE X5100** is a secondary controller or inclusion controller:

- On the primary controller start adding device according to its manual
- On Gigaset **ONE X5100**, enter the Z-Wave Portal
- From the menu choose **MORE, MAINTANANCE** and select **SET LEARN MODE**
- After couple of minutes both controllers will have the same network information (e.g. the list of nodes will be in sync)

Controller's behavior for Basic Commands

If Gigaset **ONE X5100** controller will receive Basic SET and GET commands they will be ignored.

However Basic SET command can be sent by the controller to included nodes to set up any value. Basic GET command can be sent by the controller to included nodes to read already set value

Supported Z-Wave Command Classes

This is the list of supported non-secure Command Classes:

- 0x5E - COMMAND_CLASS_ZWAVEPLUS_INFO
- 0x55 - COMMAND_CLASS_TRANSPORT_SERVICE
- 0x56 - COMMAND_CLASS_CRC_16_ENCAP
- 0x22 - COMMAND_CLASS_APPLICATION_STATUS
- 0x6C - COMMAND_CLASS_SUPERVISION
- 0x74 - COMMAND_CLASS_INCLUSION_CONTROLLER
- 0x8F - COMMAND_CLASS_MULTI_CMD
- 0x98 - COMMAND_CLASS_SECURITY
- 0x9F - COMMAND_CLASS_SECURITY_2

This is the list of supported secure Command Classes:

- 0x34 - COMMAND_CLASS_NETWORK_MANAGEMENT_INCLUSION
- 0x52 - COMMAND_CLASS_NETWORK_MANAGEMENT_PROXY
- 0x4D - COMMAND_CLASS_NETWORK_MANAGEMENT_BASIC
- 0x78 - COMMAND_CLASS_NODE_PROVISIONING
- 0x73 - COMMAND_CLASS_POWERLEVEL
- 0x72 - COMMAND_CLASS_MANUFACTURER_SPECIFIC
- 0x86 - COMMAND_CLASS_VERSION
- 0x67 - COMMAND_CLASS_NETWORK_MANAGEMENT_INSTALLATION_MAINTENANCE
- 0x85 - COMMAND_CLASS_ASSOCIATION
- 0x59 - COMMAND_CLASS_ASSOCIATION_GRP_INFO
- 0x5A - COMMAND_CLASS_DEVICE_RESET_LOCALLY

We are here to help.

Do you have any questions or want detailed information on our security solutions?

We look forward to welcoming you on **www.gigaset.com**.

Helpful videos are also on our YouTube and Facebook sites.

Support is available directly from the app and on **www.gigaset.com/support**.

Contents of the package

- 1 Gigaset **ONE X5100**
- 1 main adapter
- 1 LAN cable
- 1 quick-start guide
- 1 safety brochure

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Gigaset Communications GmbH
Frankenstr. 2a, D-46395 Bocholt

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