Many parameters and their settings are dependent on the settings you have already made for other parameters. This means that some parameters will appear or disappear and the values available for selection will change according to settings you have already made. These dependencies have not been shown in the table for reasons of clarity. All settings are always shown.

The **bold** values in a table are the values set during factory configuration.

The application 7126/1.0 enables you to parameterise the KNX InSideControl IP gateway. This gateway is used to connect your KNX installation to the IP network (LAN).

In combination with the apps „InSideControl“ and „InSideControl HD“ you can control your KNX installation with a smartphone or tablet PC. Simultaneous access with 5 devices is possible.

You can define the device name of the gateway within ETS, assign IP addresses and set the communication with the KNX bus.

**Register General**

**Device name**

You can define any name for the gateway. The device name is preset with the product name „KNX InSideControl IP-Gateway“. The name enables you to identify individual devices in your network.

**IP-Address assignment**

You can choose between assigning the IP-address automatically and manually.

**Automatic (DHCP):**

The IP address is automatically assigned via DHCP (Dynamic Host Configuration Protocol), it does not require any additional settings.

This function can only be used when you have a DHCP server in the LAN. Many DSL routers have an integrated DHCP server.

**Manual:**

Type in the IP address of the gateway, the subnet and the IP address of the standard gateway/router.

---

**Parameter**

<table>
<thead>
<tr>
<th>General</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device name</td>
<td>KNX InSideControl IP-Gateway</td>
</tr>
<tr>
<td>IP-Address assignment</td>
<td>Manual</td>
</tr>
</tbody>
</table>

**Register IP configuration**

If you have chosen the manual IP address assignment, you then need to type in the IP address, the IP subnet and the IP address of the standard gateway/router. Each entry is made by four single Bytes as per the following example:

<table>
<thead>
<tr>
<th>IP address</th>
<th>195.</th>
<th>168.</th>
<th>1.</th>
<th>31</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETS setting</td>
<td>Byte 1</td>
<td>Byte 2</td>
<td>Byte 3</td>
<td>Byte 4</td>
</tr>
</tbody>
</table>

**IP configuration 1: IP address**

Type in here the IP address of the KNX InSideControl IP-Gateway.

**IP configuration 2: IP subnet**

Type in here the subnet mask. The device uses this mask to check if a communication partner is located in the same local network. If not, the device does not send telegrams directly to the partner, but to the standard gateway/router which then forwards the telegrams.

**IP configuration 2: IP address standard gateway/router**

Type in here the IP address of the standard gateway/router.

**Communication settings in the ETS**

With a valid IP configuration the gateway can act as interface to KNX.

Therefore the following settings are required:

1. In ETS4 choose the area „Settings“, then the item „Communication“. All available connections are listed at „Discovered connections“.
2. Click on the desired connection.
3. At „Local connections“ you can assign the physical address for access to the bus.

In ETS3 you need to firstly configure the interface with the „ETS Connection Manager“ first. Then you can assign the physical address at „Settings“.

The physical address „15.15.250“ is set as default.
Assignment of additional physical addresses

The gateway supports the simultaneous access of up to 5 devices. For each connection you need to assign one additional physical address.

The first physical address is assigned in the ETS. The gateway can assign the additional physical addresses itself directly. To achieve this, push the programming button at the device for more than one second.

Afterwards the assignment of the additional physical addresses is done in ascending order.

Example:

- Connection 1: 15.15.250 (set in the ETS)
- Connection 2: 15.15.251 (assigned automatically)
- Connection 3: 15.15.252 (assigned automatically)
- Connection 4: 15.15.253 (assigned automatically)
- Connection 5: 15.15.254 (assigned automatically)

The programming LED at the device flashes during the assignment.

To make sure that these addresses were not assigned to other devices in a project, you can add dummy devices with these addresses to reserve them.

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If you have technical questions, please contact the Customer Care Centre in your country.

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