Claims

1. A method for configuring and/or controlling home automation end devices (12, 40), wherein the method comprises:
- establishing a wireless point-to-point connection (34) between a control device (14) and at least one home automation end device (12, 40);
- performing a data communication between the control device (14) and the end device (12, 40) by means of the point-to-point connection (34) in order to configure and/or to control the end device (12, 40);
- switching the end device (12, 40) to cancel the point-to-point connection (34) and to establish a wireless connection with a mesh network (36); and
- performing a data communication between the end device (12, 40) and a hub (16) of the mesh network by means of the mesh network (36) in order to configure and/or to control the end device (12, 40).

2. A method in accordance with claim 1,
characterized in that,
at a point in time, the end device (12, 40) respectively either only maintains and/or uses the wireless point-to-point connection (34) or only maintains and/or uses the wireless connection with the mesh network (36).

3. A method in accordance with claim 1 or claim 2,
characterized in that
the end device (12, 40) uses a software-defined radio (SDR) (26) to establish the wireless point-to-point connection (34) and the wireless connection with the mesh network (36).

4. A method in accordance with at least one of the preceding claims,

characterized in that
the end device (12, 40) uses a PTP software image (30) to establish the wireless point-to-point connection (34) and a mesh software image (32) to establish the wireless connection with the mesh network (36).

5. A method in accordance with claim 4,
characterized in that
the PTP software image (30) and the mesh software image (32) are both stored in the end device (12, 40);
and/or
in that the mesh software image (32) is transmitted to the end device (12, 40) by means of the point-to-point connection (34).

6. A method in accordance with at least one of the preceding claims,
characterized in that
settings of the end device (12, 40) relating to the point-to-point connection (34) and/or to the connection with the mesh network (36) are stored in the control device (14) and/or in the hub (16).

7. A method in accordance with at least one of the preceding claims,
characterized in that
the hub (16) communicates with the control device (14) by means of a wireless data connection (38) after the end device (12, 40) has been switched to a connection with the mesh network (36), with the wireless data connection (38) using a communication protocol different from the mesh network.

8. A method in accordance with at least one of the preceding claims,
characterized in that

settings of the hub (16) are stored in the control device (14) and/or in a separate memory, with the stored settings being loaded into the replaced hub on a replacement of the hub (16).

9. A method in accordance with at least one of the preceding claims, characterized in that
the hub (16) receives a configuration and/or a control of the end device (12, 40) performed at the control device (14) from the control device (14) and transmits it to the end device (12, 40).

10. A method in accordance with at least one of the preceding claims, characterized in that
the point-to-point connection is a Bluetooth Low Energy (BLE) connection (34); and/or in that the mesh network is a ZigBee network (36).

11. A method in accordance with at least one of the preceding claims, characterized in that
the end device (12, 40) automatically switches back and forth between the point-to-point connection (34) and the connection with the mesh network (36), in particular if the end device (12, 40) does not receive any data for longer than a predetermined period of time.

~~12. A hub (16) for home automation, wherein~~
~~the hub (16) is designed~~
~~to communicate with a home automation end device (12, 40) by means of a wireless mesh network (36),~~
~~to communicate with a control device (14) by means of a wireless data connection (38), and~~
~~to receive settings performed at the control device (14) from the control device (14) and to transmit them to the end device (12, 40).~~

~~13. An end device (12, 40) for home automation, wherein~~
~~the end device (12, 40) comprises a transmission and reception system (26) that transmits data either by means of a wireless point-to-point connection (34) or by means of a mesh network (36).~~

~~14~~12. A system (10) for home automation comprising at least one end device (12, 40) for home automation; a control device (14); and a hub (16) of a mesh network, wherein the system (10) is configured
- to establish a wireless point-to-point connection (34) between the control device and the at least one end device (12, 40);
- to perform a data communication between the control device (14) and the end device (12, 40) by means of the point-to-point connection (34) in order to configure and/or to control the end device (12, 40);
- to switch the end device (12, 40) in order to cancel the point-to-point connection (34) and to establish a wireless connection with the mesh network (36); and
- to perform a data communication between the end device (12, 40) and the hub (16) by means of the mesh network (36) to configure and/or to control the end device (12, 40).