

## Datasheet

### X1 Plus

ILE-SRV-X1P

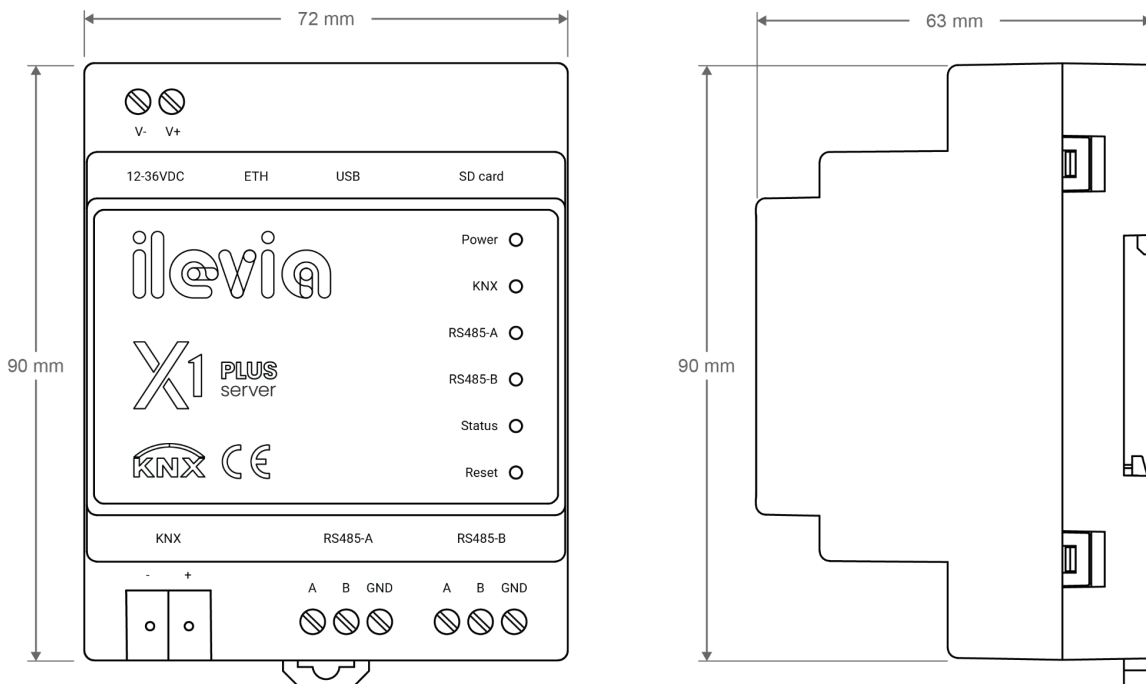


X1 Plus is designed for controlling and monitoring home automation systems. It features an integrated KNX interface and two Modbus / BACnet interfaces allowing direct communication with these systems. In addition to KNX, Modbus and BACnet, X1 Plus also supports MQTT, Matter, Zigbee, Z-Wave, Google, Alexa, HomeKit, and a number of other third party systems.

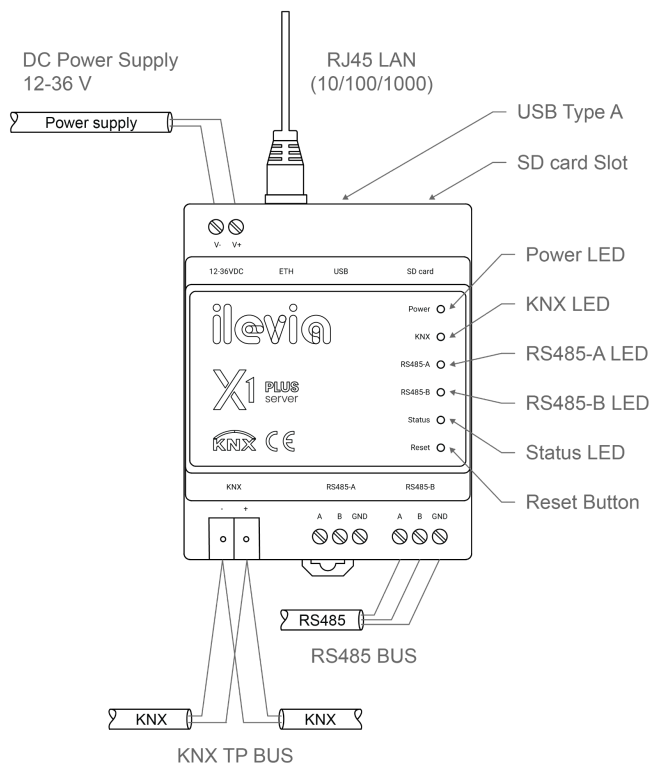
## Technical Specifications

|                                        |                                                                                                         |
|----------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Name</b>                            | X1 Plus                                                                                                 |
| <b>Article</b>                         | ILE-SRV-X1P                                                                                             |
| <b>Description</b>                     | Building Automation Server                                                                              |
| <b>Mounting</b>                        | DIN rail, 4UM (1 UM = 18 mm)                                                                            |
| <b>Dimensions</b>                      | 72 mm × 90 mm × 63 mm (W × H × D)                                                                       |
| <b>CPU</b>                             | Quad-core ARM Cortex-A53                                                                                |
| <b>Memory</b>                          | 2 GB                                                                                                    |
| <b>Storage</b>                         | 32 GB                                                                                                   |
| <b>OS</b>                              | Embedded Linux                                                                                          |
| <b>Connectors</b>                      | 1 × KNX, 2 × RS485, 1 × USB 2.0, 1 × SD card, 1 × Ethernet                                              |
| <b>KNX</b>                             | Integrated KNX IP Interface                                                                             |
| <b>Power Supply</b>                    | 12-36 VDC                                                                                               |
| <b>Power Consumption</b>               | Approx. 10 W                                                                                            |
| <b>Temperature</b>                     | Operating: 0 °C ... +40 °C<br>Storage / Transport: -10 °C ... +70 °C                                    |
| <b>Weight</b>                          | 110 gr                                                                                                  |
| <b>Supported systems &amp; devices</b> | KNX, Modbus, BACnet, MQTT, Matter, Zigbee, Z-Wave, Google, Alexa, HomeKit, IP cameras, SIP, Sonos, etc. |

## Dimensions



## Wiring Diagram



### Reset Button

- Restart (1s)
- Network reset (8 to 20s)
- Factory reset (20+s)

### Reset Status LED

- Restart (Blue)
- Network reset (Purple)
- Factory reset (Red)

## Network Configuration

The configuration of the network settings of the X1 Plus server device must be done by accessing the web-server integrated in the product. The configuration of network settings other than factory settings (DHCP) must be carried out in accordance with the building automation system project created by a qualified professional.

### Automatic (DHCP)

The configuration of the network settings of the X1 Plus server requires a connection to the home network. Open an Internet browser and type **<https://www.ilevia.com/localip.php>** in the address bar. Opening the browser at this address, a screen appears with a list of the IP addresses of all the Ilevia servers on the network. If there is only one server in the network, the login screen of the admin panel of the connected server is shown.

In case of absence of a network, it is necessary to proceed as follows:

### Direct PC Connection

1. Connect the X1 Plus server to your PC via a “crossover” network cable
2. Access your PC’s network settings and set PC LAN IPv4 parameters manually:
  - a. IP: **192.168.1.200**
  - b. Mask: **255.255.255.0**
  - c. Gateway: **192.168.1.1**
3. Open an Internet browser and type in the address bar: <http://192.168.1.100>
4. The X1 Plus server login screen is offered. Enter the system default access data:
  - a. Username: **admin**
  - b. Password: **password**

You will have access to the main screen of the settings configuration environment of the X1 Plus device. Here you can change the server's network settings, login credentials and much more. At the end of the activity, to confirm the changes made on the page, press Reboot.