HDL®

Gateway
HDL-MBUS01IP.431

Gateway Introduction

HDL-MBUS01IP.431 is the gateway between HDL Buspro system and Ethernet. It can realize the bidirectional data transmission between HDL Buspro and Ethernet.

Gateway Introduction

Setting of Network Parameter：

1-port IP interface has a default IP-192.168.10.250 and 6000 for port. Please change the user PC IP address into the same IP segment.

Steps for change IP address：

1. Modify the IP address of the user PC into 192.168.10.**（** means any）.

2. Run the 'HDL Buspro Setup tool2', find the device, change the IP address into the same IP segment of the user PC. Finish and save.

3. Change the IP address of the user PC back to previous IP.

4. Power the device off, then the new IP address will be available after power on.

Gateway Function

◆ Bidirectional data exchange between HDL Buspro and Ethernet.

◆ Supports local control, p2p control, remote control (local control by default)

◆ Allows maximum 4 devices to connect this module for remote control, such as iPad,

iPhone, Touchlife, HDL Buspro software and so on.

◆ Intelligent data exchange , minimize data traffic.

◆ Communication: HDL Buspro, IP network.

Software Configuration

Local Network

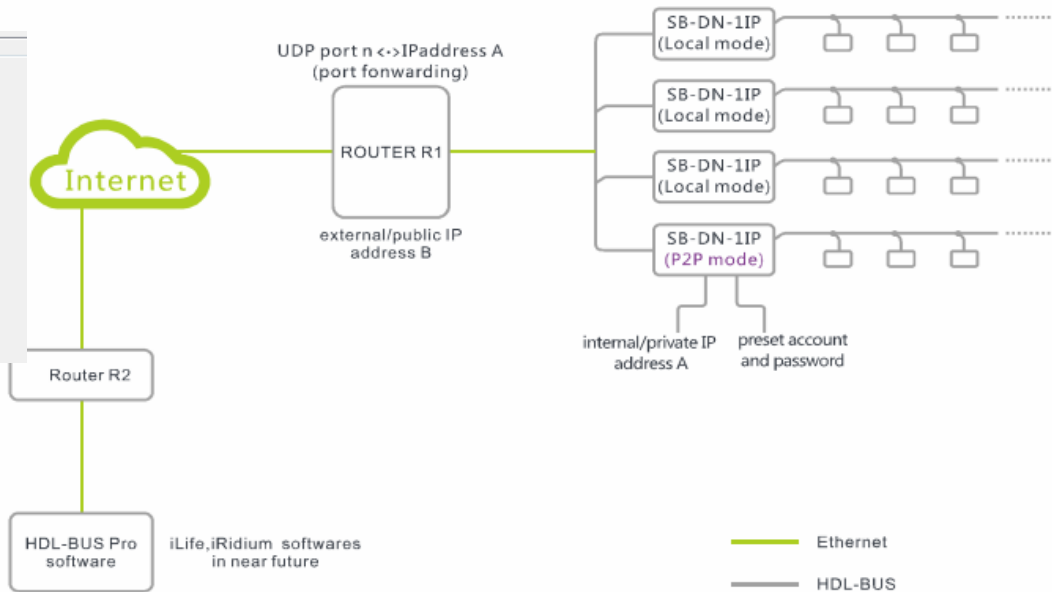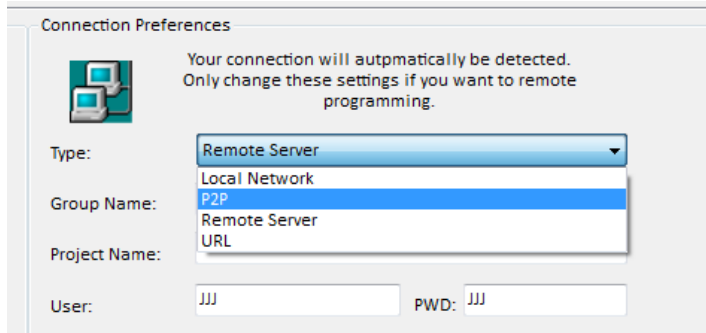

HDL-MBUS01IP.431 has 3 working types:

◆ Local Network

◆ P2P

◆ Remote Server

Local Network: Works as a normal HDL-MBUS01IP as it always be, a gateway between HDL Buspro and local Enternet. This mode doesn't have remote function.

P2P

P2P: In this mode, you are able to access the HDL Buspro system directly through Internet, without any help from HDL server.

Remote Server

Remote Server: This mode is suitable for both travelling programmer and end user to configure and control HDL Buspro system via Internet. Since a server is getting involved in this mode, no static public IP is needed for HDL Buspro system because the HDL-MBUS01IP in Remote Server mode will keep updating itself to the server, programmer and end user can always get info of the remote HDL MBUS01IP from the server and later access the HDL Buspro system directly.

Remote/Steps

**Step1**:Set your Project Name, Group Name, User, PWD and click Apply.

NOTE: HDL server has a fixed IP and port, 115.29.251.24:9999, do not change it, it is editable because HDL may change the server or help installation company to build their own servers in the future, in that case, the installation companies can fill in their own servers and ports.

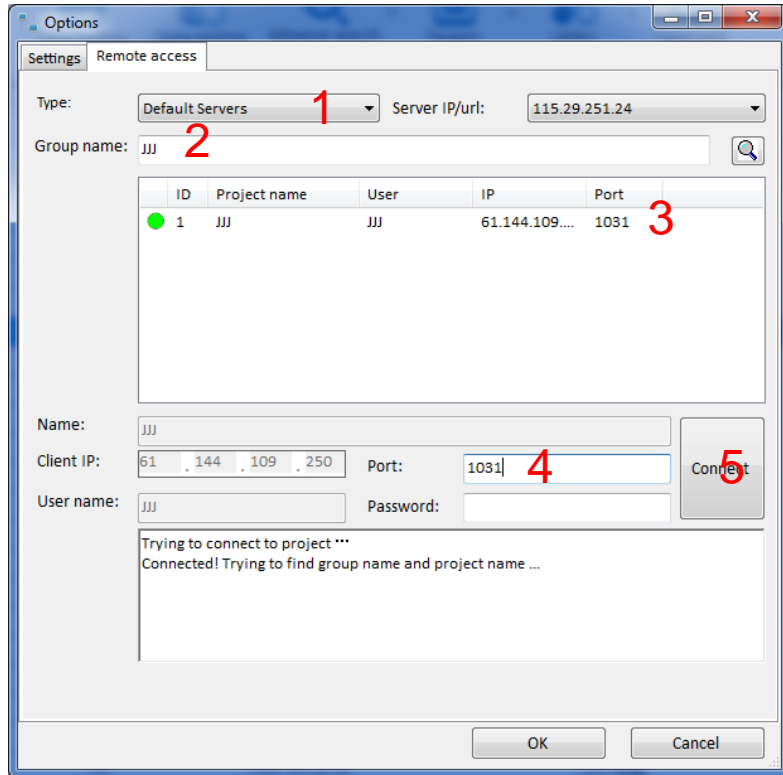The Interval value suggested to be 1-3m.

Remote/Steps

Step2:

Exit HDL Buspro Setup Tool and connect to another Internet access that has a different

public IP for your PC/laptop, run the HDL Buspro Setup Tool again and select 'Options'.
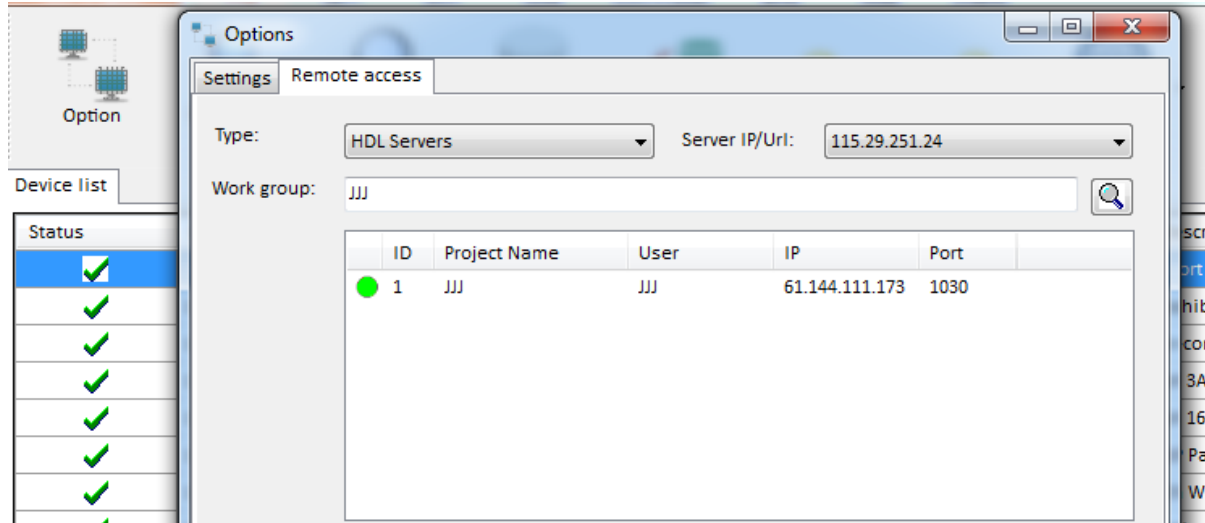
Remote/Steps

Step3:

Search for the project in the pop up window, as the left picture.

(An installation company can have many projects in different sites).

Remote/Steps

Step4:
After you clicking the Apply button, the pop up window will exit automatically if it communicates with remote HDL Buspro system successfully, now you can get start to program the HDL Buspro system.

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