SIIG HDMI Over IP Extender with IR

SIIG HDMI Over IP Extender with IR User Manual

Contents

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Important Instructions

- Suggest using IGMP switches
- Do not mix up transmitter and receiver before installation.
- Channel of the transmitter(TX) must be different, otherwise, the system would be break down (including transmitter, receiver, IGMP switch etc.).

Product Features

1. Resolution supported is up to 1080p 60Hz full HD.
2. Transmission distance is up to 120 meters via CAT6.
3. Support IR pass back function to control source device from RX location.
4. Offers scalable and flexible input-output matrix configuration, allows 100 input to infinite output.
5. Supports computer control software to select and switch source device input..

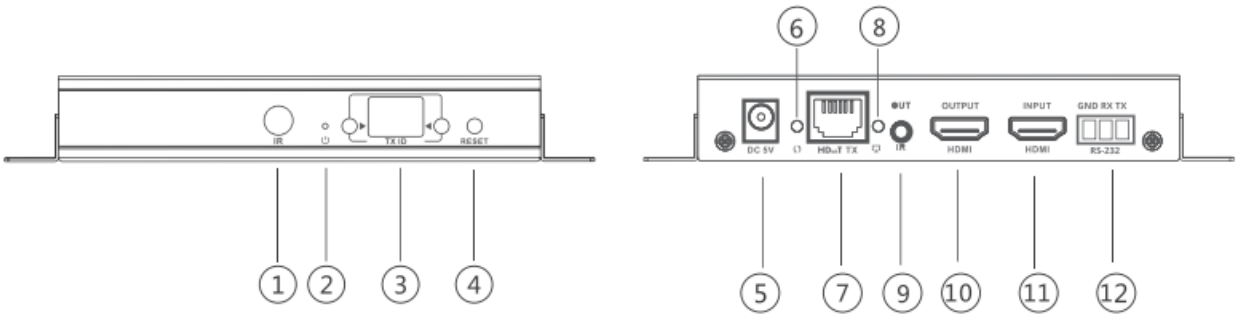
Package Contents

1. Transmitter unit/ Receiver unit
2. User Manual
3. IR blaster/ receiver extension cable
4. Power adapter DC5V/2A x 2
5. Remote control

6. 3 pin phoenix connector x 2
7. Wall-mount kit x 2

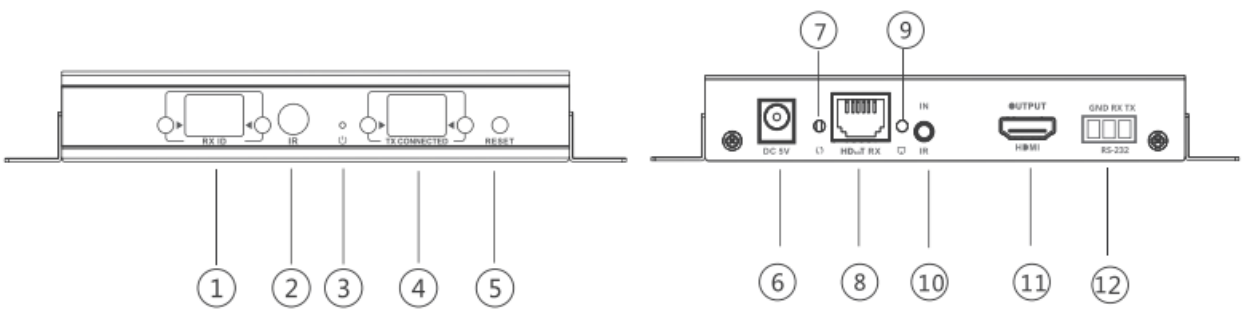
Layout

Transmitter unit



1. IR Window	Receives IR signals from the included remote control to set/select the channel
2. Power LED	On when transmitter is powered on
3. TX ID	Displays transmitter's ID number
4. Reset Button	Press the button to reset the transmitter
5. Power Jack	Connects to the included power adapter
6. Data LED	Blinks when data transmission is detected
7. RJ45 Output	Connects to the receiver's RJ45 Input using a CAT5e/6 cable
8. Link LED	Lights up when RJ45 signal detected
9. IR Output	Connects to the IR Blaster extension cable
10. HDMI Out	Connects to a local HDMI display
11. HDMI Input	Connects to the HDMI source device
12. RS232	RS232 pass through

Receiver unit



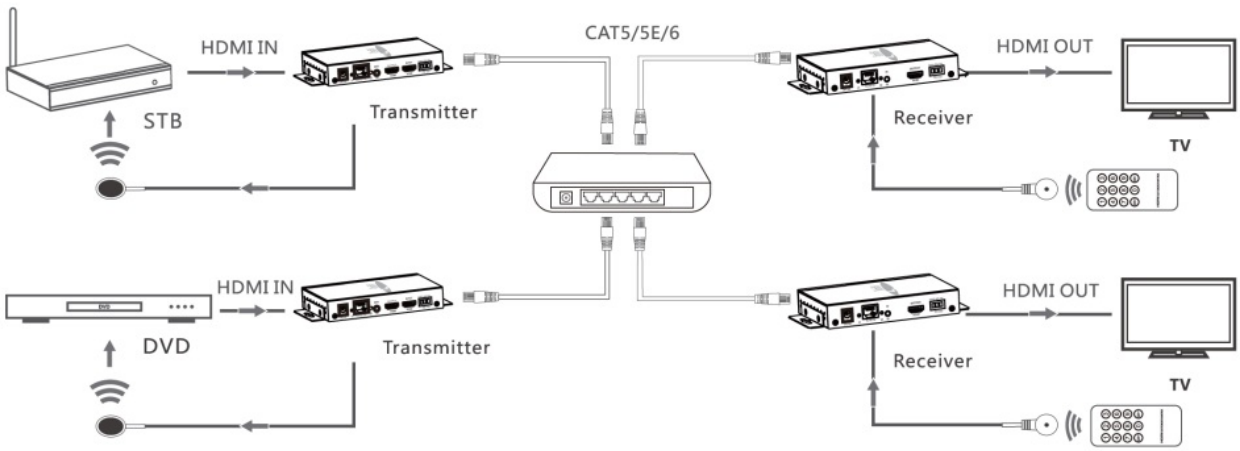
1. RX ID	Displays the receiver's ID number
2. IR Window	Receives IR signals from the included remote control to set/select the channel
3. Power LED	On when receiver is powered on
4. TX Connected	Displays transmitter's ID number for device pairing
5. Reset Button	Press the button to reset the receiver
6. Power Jack	Connects to the included power adapter
7. Data LED	Blinks when data transmission is detected
8. RJ45 Input	Connects to the transmitter's RJ45 Output using a CAT5e/6 cable
9. Link LED	Lights up when RJ45 signal detected
10. IR Input	Connects to the IR receiver extension cable
11. HDMI Out	Connects to a HDMI display
12. RS232	RS232 pass through

Application

Point to point

Matrix configuration

Maximum 256 combined units, limited to 100 transmitter units.



Note:

- We recommend CATSe/6 with 100% copper wiring and IEEE-568B wiring standard.
- Dedicated IGMP Gigabit Ethernet switches are recommended for the best performance and reliability.
- When connecting to an existing LAN environment, it's recommended to configure a VLAN dedicated to these transmitter(s) and receiver(s) to avoid traffic collision with other networking devices.
- The transmitter's and receiver's default IP addresses are 192.168.1.238 and 192.168.1.239 respectively. If your existing network is DHCP enabled, the transmitter(s) and receiver(s) will be assigned with IP addresses automatically when connected and turned on.
- Press the reset button on each transmitter and receiver if an IP address is not assigned automatically.

Resetting to Default IP Address

The Transmitter's default IP address is 192.168.1.238, and the Receiver's default IP address is 192.168.1.239. If you need to reset the units to the default IP address simply disconnect the TX or RX unit from the IP network, then quickly press the Reset button. Wait several seconds and power off and on the units.

IR User Guide

IR Extension Cables
The IR Blaster extension cable should be plugged into the IR Out port of the transmitter and the IR Receiver extension cable should be plugged into the IR In port of the receiver. The emitter of the IR Blaster extension cable should be placed as close to the IR receiver window of the source device.

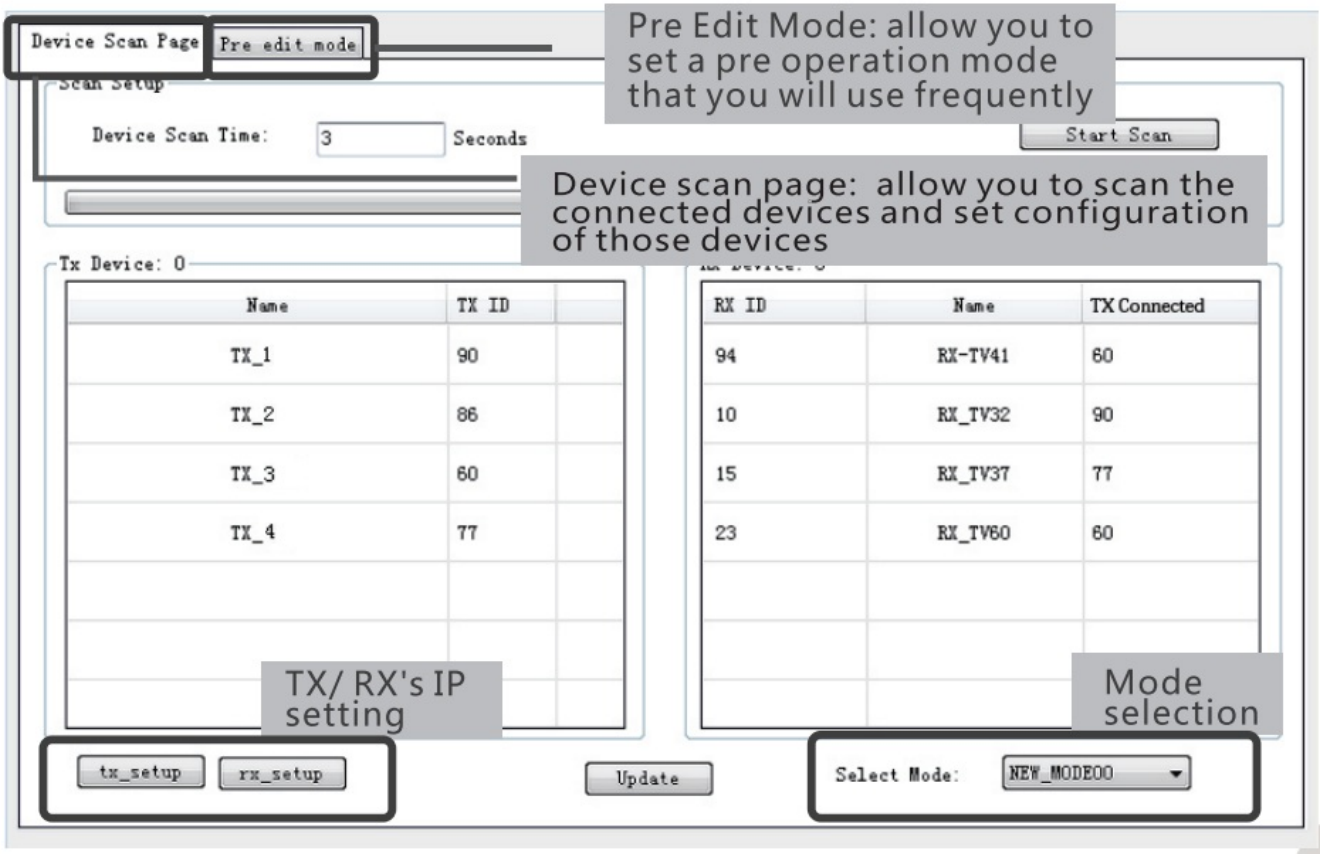
Remote Control
Use the included remote control to set/select the TX ID on the transmitter and the TX-connected ID on the receiver for device pairing.

Device ID Control User Guide
Press the left or right button control to change the Device ID and Connection ID to the desired number. To connect to the desired HDMI source device, set the Receiver's TX Connected ID to match the Transmitter's TX ID for successful device pairing.

Computer Control

Computer Control User Guide
The HDbitT E-Matrix Control Center application is compatible with Windows only. Download it from www.hdbitt.com/download-matrix.

1. Connect your Windows computer to the Ethernet network.
2. For non-DHCP networks:
   Change your computer's IP address to 192.168.1.xxx (xxx can be 0 to 255, excluding 210 & 220), the same subnet as your TX and RX unit.
   For DHCP-enabled networks:
   Enable DHCP on your computer and connect it to the network.(Note: If DHCP is enabled simply plug into your network)
3. Open the application, the interface is displayed.

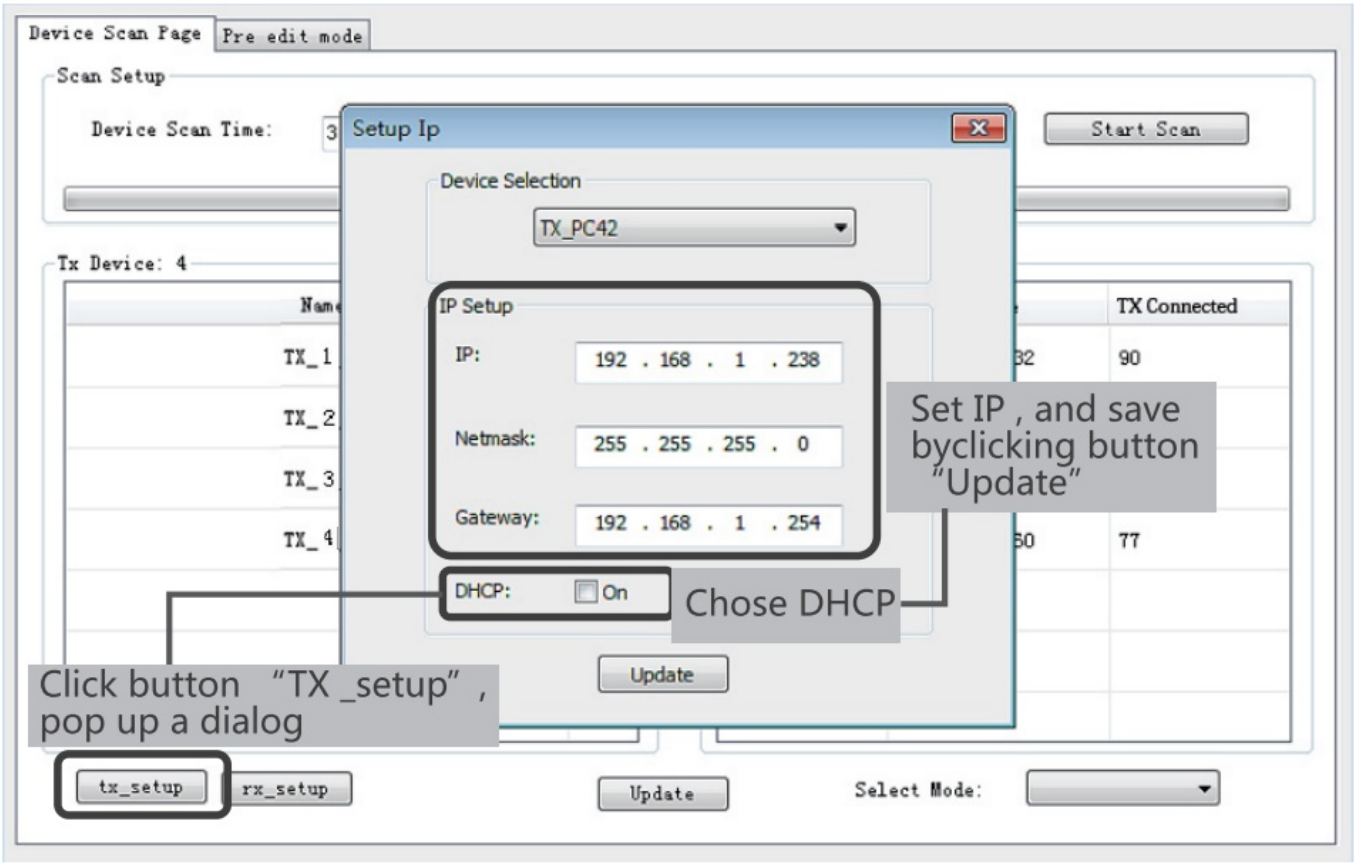


Note: If the Matrix Control Center application is not working properly. Close and restart it to clear the previous settings.

IP Setting

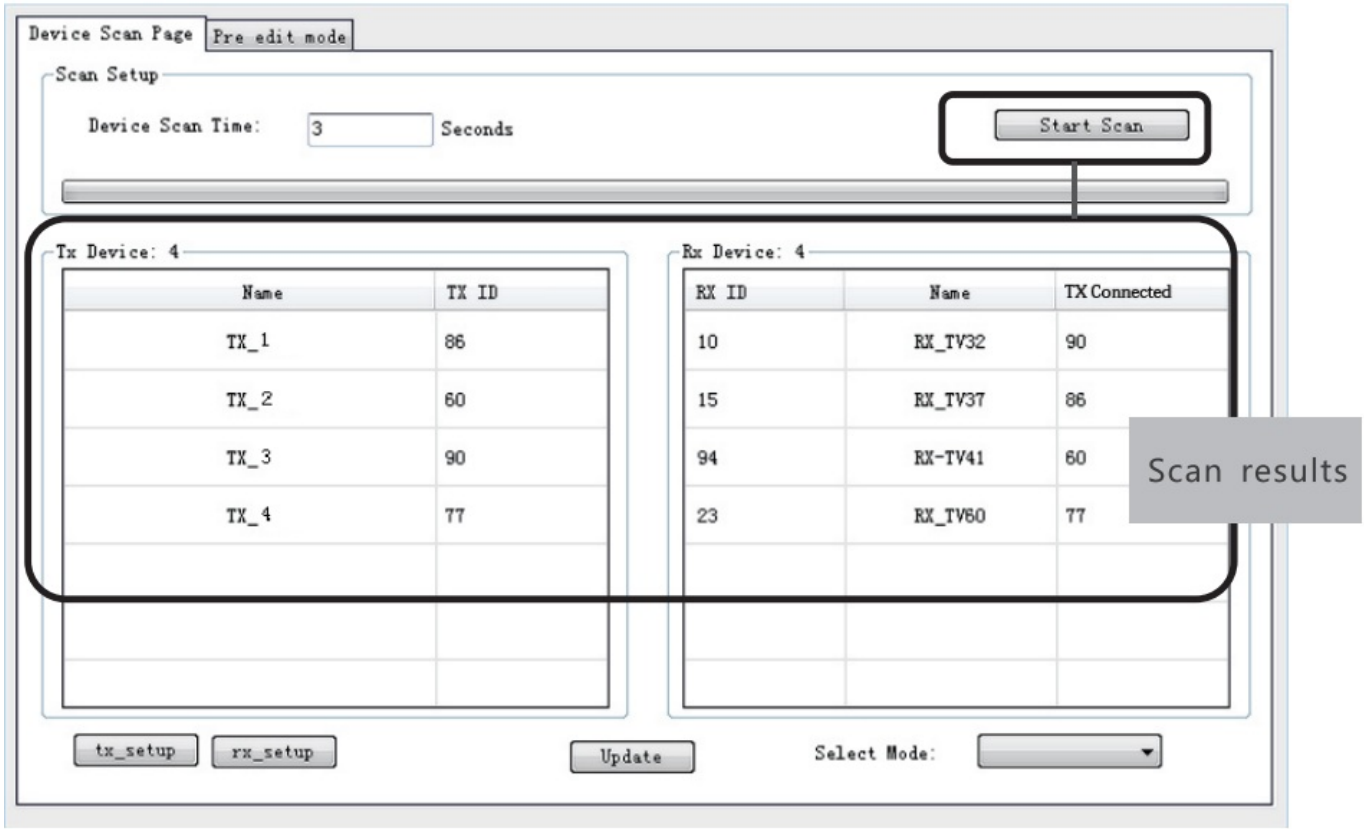
The Transmitter's default IP address is 192.168.1.210, the Receiver's default IP address is 192.168.1.220. There is no need to change the IP address even when multiple transmitters and/or receivers are connected to your IP network simultaneously. However, if a change is needed follow the steps below.

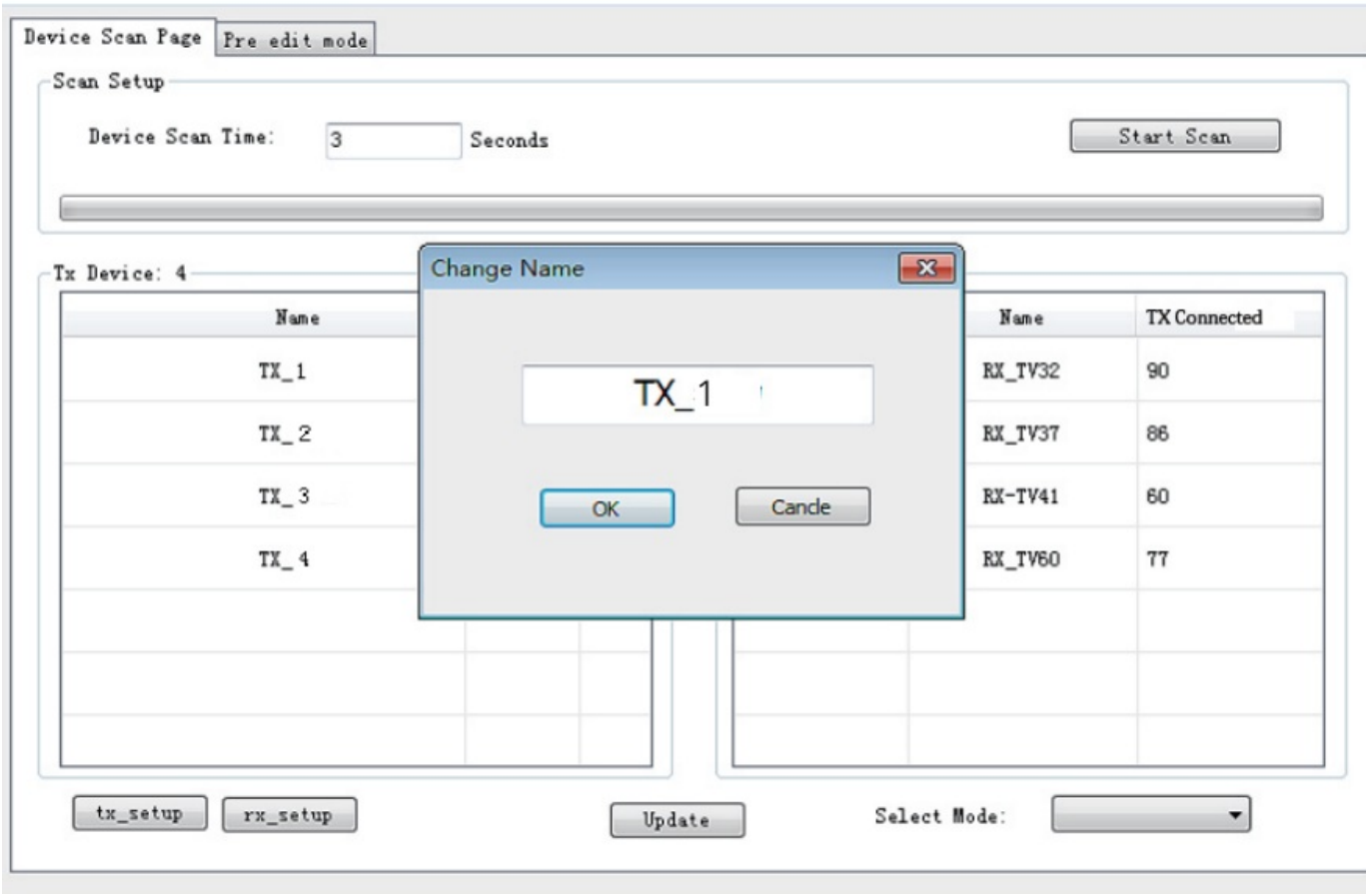
1. Click Tx setup
2. Enter the desired IP address, click Update to save the changes.



Device Name
Use this section to change the device name.

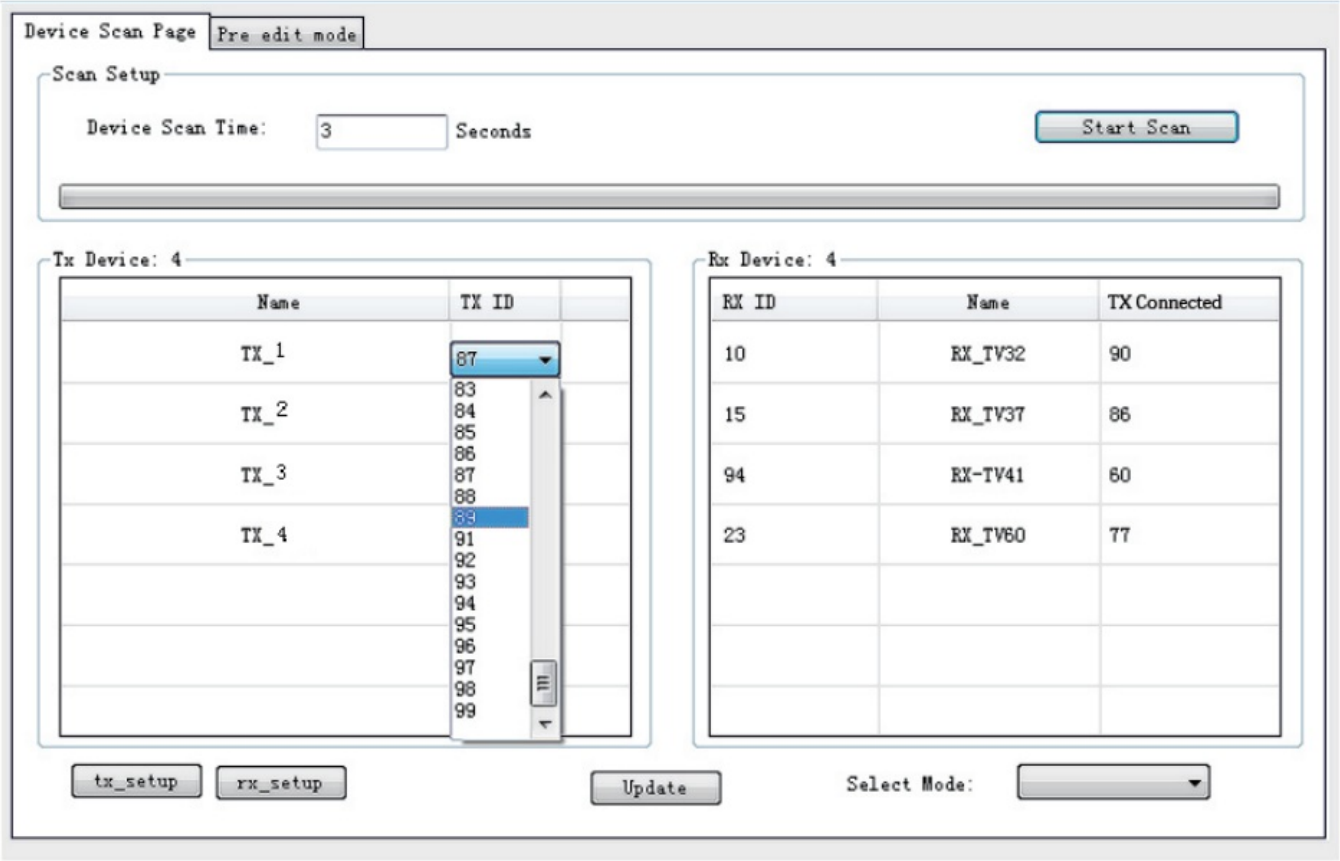
1. Click Start Scan to open the editing window
2. Double-click on a TX unit to update, then click OK to save the changes





Device ID

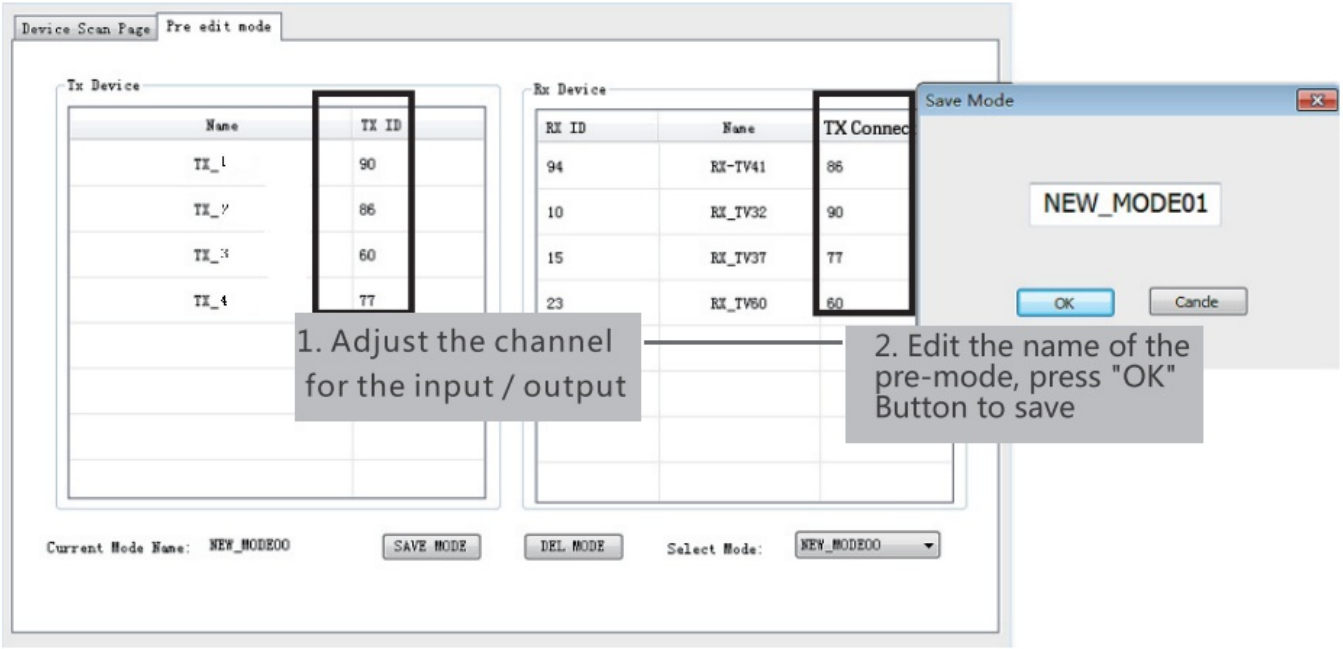
1. Click on TX ID of the device you want to change, and select an available ID from the drop-down box.
2. Click Update to save the changes.



Operating Modes

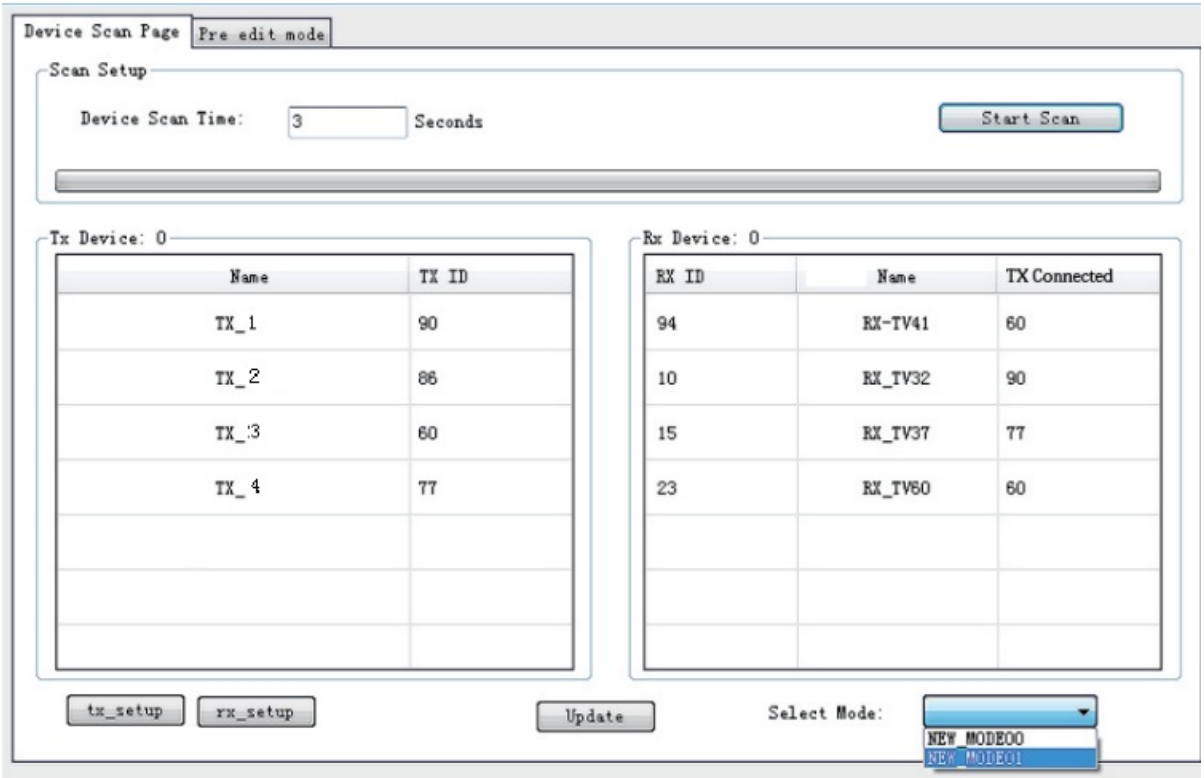
An operating mode is a group of input and output devices allowing easy selection of desired viewing outcome quickly and stress free.

1. Click on Pre edit mode tab.
2. Select the input and output IDs.
3. Enter a name for the operating mode, then press OK to save.



Operating Mode Selection

1. Click on Select Mode.
2. Choose the desired operating mode.



Dear Valued Customer

- FWE REALLY APPRECIATE
- YOUR PURCHASE

Support
For more info or tech support **http://www.siig.com/support**

Documents / Resources

	SIIG HDMI Over IP Extender with IR [pdf] User Manual HDMI Over IP Extender with IR, HDMI, Over IP Extender with IR, IP Extender with IR, Extender with IR, with IR, IR

References

- User Manual