

H.264 HDMI Over IP Extender

User Manual

Models 207577, 208246, 208253



intellinetnetwork.com

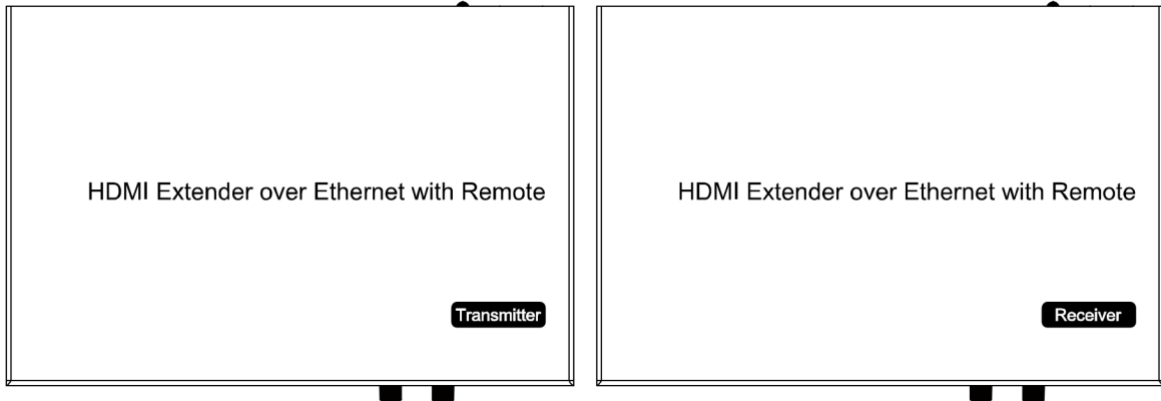
Important: Read before use. • Importante: Leer antes de usar.

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H.264 HDMI Over IP Extender

Operating Instructions



Introduction

This HDMI over IP Extender solution uses advanced H.264 compression to occupy lower bandwidth for smoother transmission over the LAN. It supports transmissions up to 120 m (390 ft.) over single Cat5e/6 cable in point-to-point as well as point-to-many and many-to-many network wiring schemes. This HDMI over IP solution can be used in a wide variety of locations and applications such as meeting rooms, classrooms, metro stations, airports, homes, in mall advertisement and much more.

Features

- Uses H.264 compression encoding; supports resolution up to 1080p@60hz
- Supports signal transmission up to 120 m (390 ft.) over single Cat5e/6 cable; offers HDMI loop-out on the transmitter
- IR Remote to choose the source
- LED display to show the Group ID
- Complies with TCP/IP protocol
- Streaming bit rate up to 15 Mbps
- Supports LPCM audio format
- Smart IP Address Setting: Dynamic Host Configuration Protocol (DHCP)
- Wide-band IR passthrough to control the source (38 kHz to 56 kHz)
- Bypass two-way UART/RS232 (up to 115200); use remote controller to select 8 group baud rate
- Supports one-to-one, one-to-many, many-to-one, many-to-many modes with large cascade
- Dual power input: 802.3af-compliant PoE & 5 VDC (No need power supply when connecting with POE Switch)
- HDCP compliant
- Supports PC tool control
- Power supply: 5 VDC / 1 A
- Operating instructions

Specifications

Item	Description
Protocol	H.264 encoder over TCP/IP
Supported video formats	480i/480p/576i/576p/720p/1080i/1080p@60Hz
Supported audio formats	LPCM, audio sampling rate 48 kHz
Streaming Bit Rate	15 Mbps
HDCP	Compliant
IR Frequency	38 – 56 kHz
RS232 Baud Rate	Default 2,400 bps; total = 8 kinds optional
IP setting & Group ID setting	
Default IP	TX: 192.168.1.11; RX: 192.168.1.12
Group ID	Group00 – Group 99 (use remote controller)
Request for Switch/Router	Supports IGMP, supports DHCP
Connectors on Transmitter	
Input	1x HDMI In
Output	1x RJ45 output, 1x HDMI loop-out
RS232	Phoenix RS232 port
IR	IR TX port (supports 38 k – 56 kHz)
Connectors on Receiver	
Input	1x RJ45 input
Output	1x HDMI out
RS232	Phoenix RS232 port
IR	IR RX port (supports 38 k – 56 kHz)
Environmental & Power Requirements	
Operating Temperature	-5 – 35°C (23 – 95°F)
Operating Humidity Range	5 to 90% RH (Non-condensing)
Power supply	5 VDC / 1 A
Power consumption	3 watts max.
Physical	
Dimension	TX: 119 x 79.5 x 28 mm; RX: 119 x 79.5 x 28 mm
Net Weight	TX: 0.28 kg; RX: 0.28 kg

Supported Input Resolution

Frequency	Resolution
50 Hz	576i, 576p, 720p, 1080p, 1080i
60 Hz / 59.94 Hz	480i, 480p, 720p, 1080p
30 Hz / 29.97 Hz	1080p
24 Hz	1080p
25 Hz	1080p

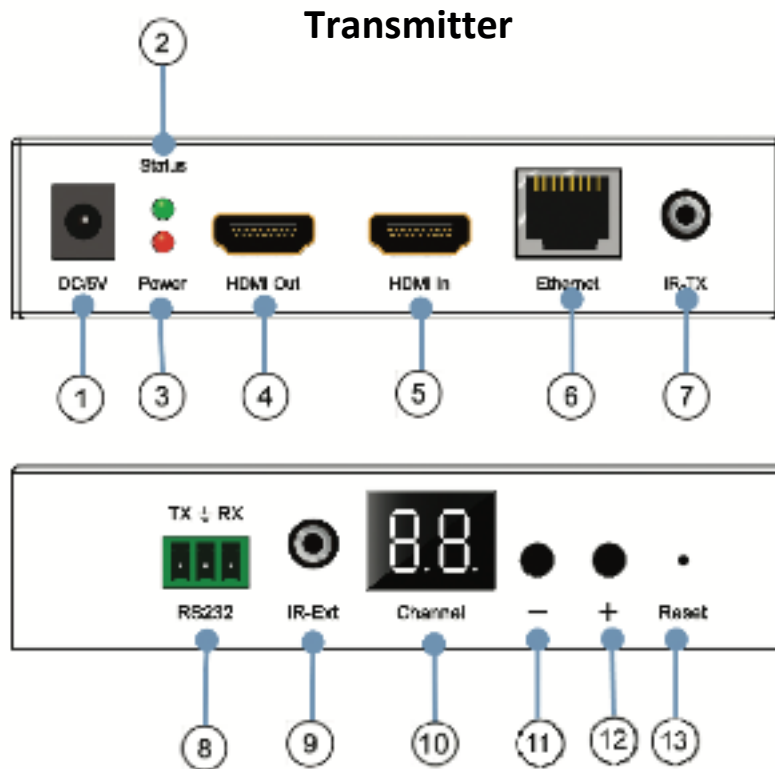
VESA Resolution

Frequency	Resolution
60 Hz	640×480, 800×600, 1024×768, 1280×768, 1280×960, 1280×1024, 1680×1050,

Setup Components

- Transmitter
- Receiver
- IR-TX cable
- IR-RX cable
- IR ext cable
- Screws
- Detachable mounting brackets
- Phoenix plugs for RS232 cable termination
- Remote control(s)
- Power adapter(s) (5 V / 1 A)
- Quick Instruction Guide

Connections and Faceplates

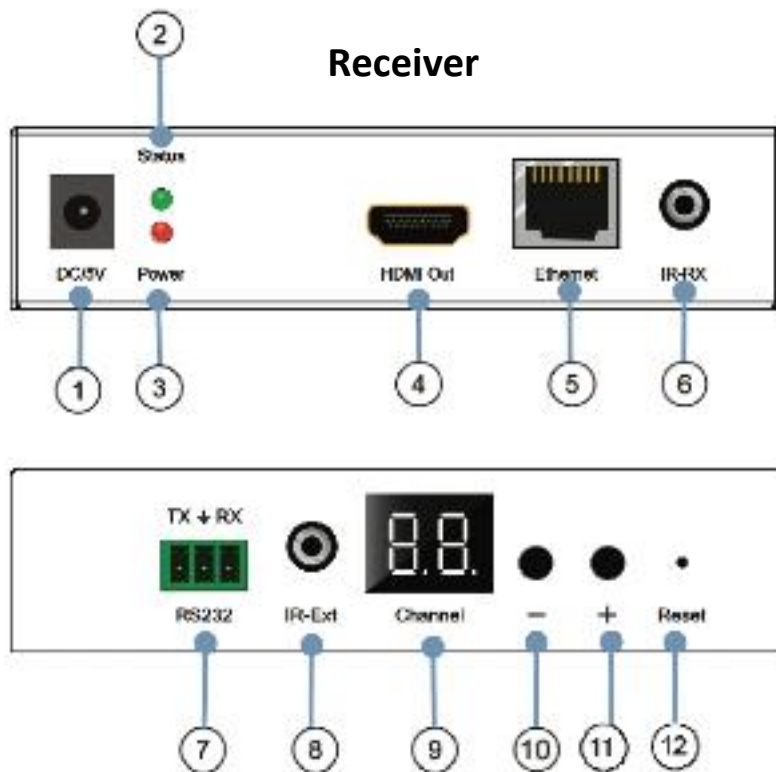


1. DC 5 V / 1 A port
2. Green LED for data status
3. Red LED for power-input status
4. HDMI input
5. HDMI output
6. Cat5e/6 output
7. IR-TX
8. RS232 port
9. IR-Ext
10. LED to show the Group ID
11. Press for the previous Group ID
12. Press for the next Group ID
13. Reset button



Note ① The green LED will blink once the unit is working.

② The LED indicator will glow bright red once the power supply is connected.



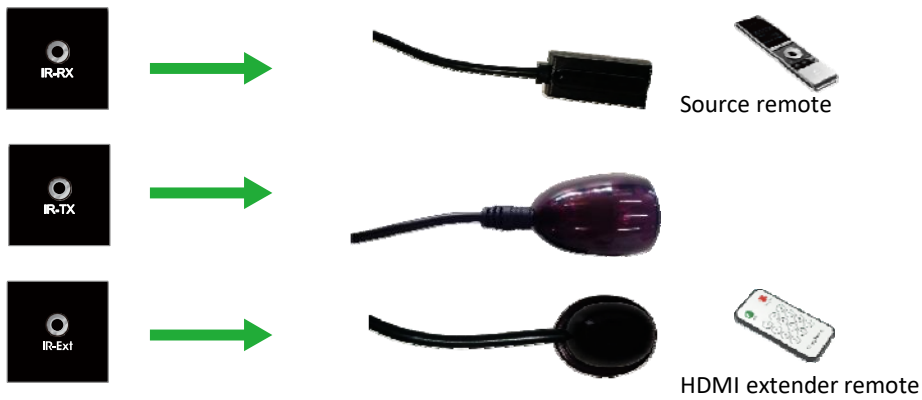
1. DC 5 V / 1 A port
2. Green LED for data status
3. Red LED for power-input status
4. HDMI output
5. Cat5e/6 input
6. IR-RX
7. RS-232 port
8. IR-Ext
9. LED to show the Group ID
10. Press for the previous Group ID
11. Press for the next Group ID
12. Reset button



Note ① The green LED will blink once the unit is working.

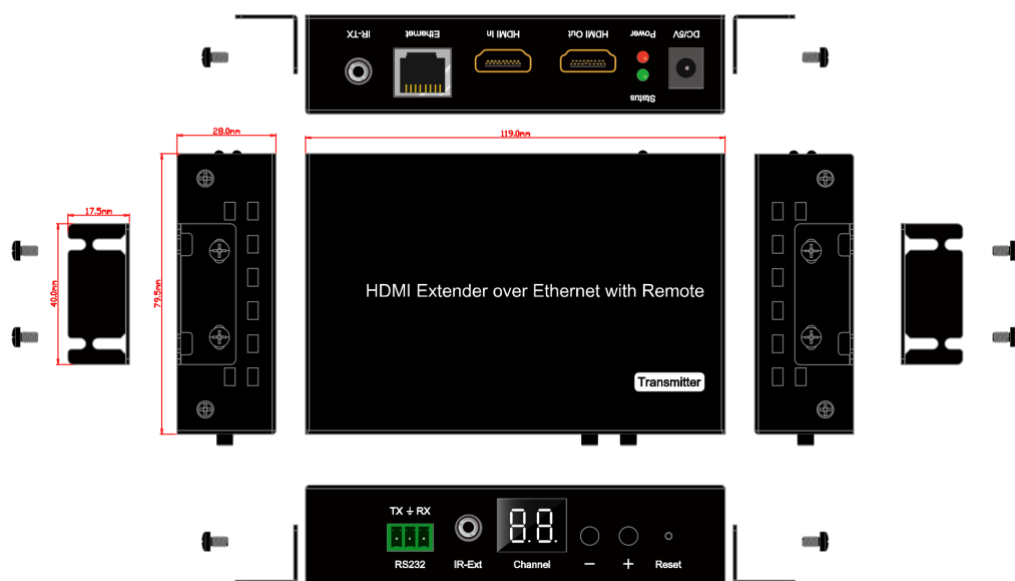
② The LED indicator will glow bright red once the power supply is connected.

How to connect the IR Cable

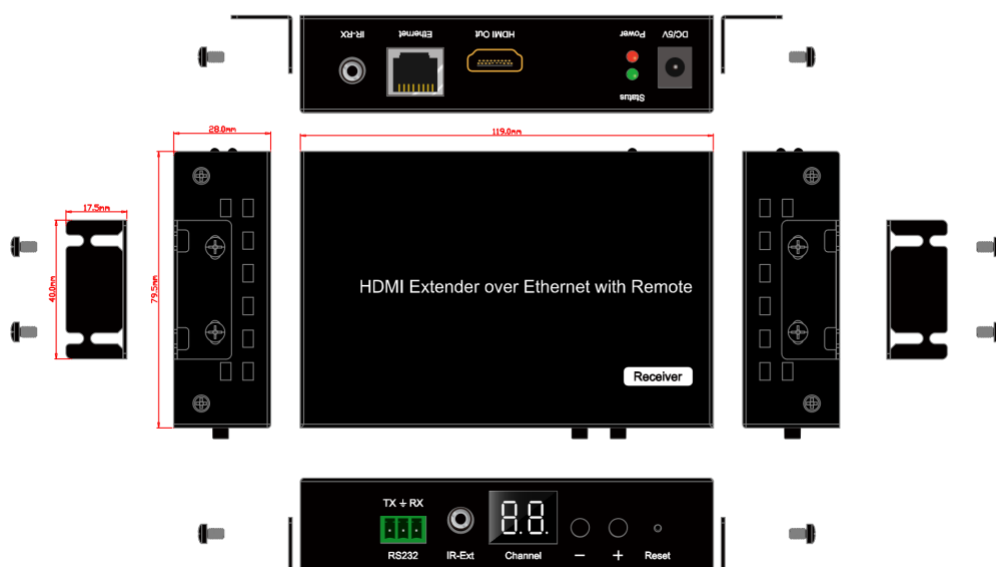


Panel Drawings

Transmitter



Receiver



Installation and Configuration

HDMI TX and RX Setup

In a point-to-point setup, there is no need to configure TX and RX.

For point-to-many, many-to-point and many to many setups, make sure:

- every TX and RX has a unique IP and MAC address;
- every TX has a unique group ID.

This HDMI over IP Extender assigns a unique default MAC address for every TX and RX, so you don't have to set MAC addresses for the units. You just need to set the IP address and Group ID using the steps that follow:

Setting the IP address

A). DHCP (Dynamic Host Configuration Protocol)

If you are using a Switch that supports DHCP, make sure that the function is enabled so that the switch will assign a unique IP for each transmitter and receiver, and you won't need to manually change the IPs for the units.

Ethernet:

Use DHCP

Default IP address: 192 . 168 . 1 . 11

Default Netmask: 255 . 255 . 255 . 0

Default Gateway: 192 . 168 . 1 . 1

Submit

Uart Setting:

Baud Rate: 115200

Submit

File to Upgrade Encoder Firmware: 浏览... Upgrade!

Encoder Reset Reboot LogOut

Use DHCP

Default IP address: 192 . 168 . 1 . 12

Default Netmask: 255 . 255 . 255 . 0

Default Gateway: 192 . 168 . 1 . 1

Update DHCP

Multicast Group: Group 01(239.255.42.43) Port: 5004

Update

Uart Baud Rate: 115200

Update

Reboot

B). Set the IP via Web Browser

If you are using a Switch that does not support DHCP, manually change the default IPs for TX (192.168.1.11) and RX (192.168.1.12).

An HTTP server is embedded in each TX and RX. You can set up IP address for HDMI Extender via web browser.

- The default IP address of the TX is **192.168.1.11**
 - username: **admin**
 - password: **admin**
- The default IP address of the RX is **192.168.1.12**

Step 1: Make sure the transmitter and PC are in the same domain.

Access the Network Setting Control Panel in Windows and locate your LAN connection. In Windows 7, this can be done by clicking Start > Control Panel > Network Sharing Center > Change Adapter Settings > Properties > Internet Protocol Version 4 (TCP/IPv4). Change the IP address field to 192.168.1.1 (0 – 255). Then press "OK" to save the configuration.



Note

- ※ The PC and TX/RX should be in the same domain.
- ※ The IP address of PC should be different from the IP address of TX and RX.

Step 2: Use an Ethernet cable to connect the PC (or laptop) and the extender.

The power LED for the extender is red and the green status is blinking.

Step 3: Login in IE: 192.168.1.11 (default IP for TX) or 192.168.1.12 (default IP for RX)

Set IP addresses for each TX and RX. TX requires username: **admin** and password: **admin**

Set IP addresses for each TX and each RX, IP: 192.168.1.XX (XX = 1 – 255; all IP addresses for TXs and RXs must be different and cannot be the same as the PC's address.)

Step 4: Select **Use DHCP** or reset the IP Address. Then click **Submit** (transmitter) or **Update DHCP** (receiver).

Step 5: Click **Reboot**.

Use DHCP
Default IP address: 192 . 168 . 1 . 8
Default Netmask: 255 . 255 . 255 . 0
Default Gateway: 192 . 168 . 1 . 1

Multicast Group: Group 01(239.255.42.43) Port: 5004

Uart Baud Rate: 115200

Ethernet:
 Use DHCP
Default IP address: 192 . 168 . 1 . 11
Default Netmask: 255 . 255 . 255 . 0
Default Gateway: 192 . 168 . 1 . 1

Uart Setting:
Baud Rate: 115200

File to Upgrade Encoder Firmware: 浏览...

Step 6: Restart the extender after resting the IP Address.

Choose the Group ID and Baud Rate by Remote controller

(When the LED shows **00**, it's ready to work)

① Press the button; switch to choose the Group ID or Baud rate.

② Factory reset. Press the button for 3 seconds; the LED will flicker then turn to **00**. You have successfully finished the factory reset.



Choose Group ID 00 – 63

1). Press + or – to change to the previous or next Group ID.

2). Press the number to change Group ID. For example, if you need change to 01, press **0**, then press **1**.

Choose the Baud Rate

Press the button, switch to Baud Rate mode; press + or – to change the Baud Rate.

F0 = 2400 (default)

F1 = 4800

F2 = 9600

F3 = 19200

F4 = 28800

F5 = 38400

F6 = 57600

F7 = 115200

3). How to choose the source:

For example, when the connection is:

Source (DVD1) - TX (TX1) - Gigabit Switch – RX (RX1) - TV1

Source (DVD2) - TX (TX2) - Gigabit Switch – RX (RX2) - TV2

Source (DVD3) - TX (TX3) - Gigabit Switch – RX (RX3) - TV3

The group ID of transmitters is:

TX1 (01)

TX2 (02)

TX3 (03)

If you need to display a source on TV1, set the Group ID of RX1 to be the same as TX1: 01(see below picture).



TX 1



RX 1

Set the group ID for TX and RX via web browser

Step 1: Make sure the transmitter and PC are in the same domain. (Refer to 5.1.1)

Step 2: Use an Ethernet Cable to connect the PC (or laptop) and the Extender. The power LED for the extender is red and the green status LED is blinking.

Step 3: Power on the TX or RX with 5V 1A power supply.

Step 4: Login in. IE: 192.168.1.11 (default IP for TX) or 192.168.1.12 (default IP for RX); TX requires username: **admin** and password: **admin**.

Step5: Change the group ID at Stream Setting (see below) “00” means group 00 here (number chosen from **00** to **63**).

Step 6: Click **Submit** (transmitter) or **Update** (receiver).

Stream Setting:

Transfer: Multicast
Multicast IP: Port: 5004

Multicast Group: Port: 5004



Note ✘ When you change the group ID on both the Web browser and remote controller, the units will follow the latest one.

✘ If you change the Group ID on the web browser, it can't be shown on the LED.

Preparing the Switch

Point-to-many and Many-to-many configurations require a switch to distribute the sources. We suggest you use a switch that supports the IGMP and DHCP functions and that you enable them. IGMP helps to manage the group ID, which is related to switch sources; DHCP allows the switch to assign an IP for TX and RX automatically.

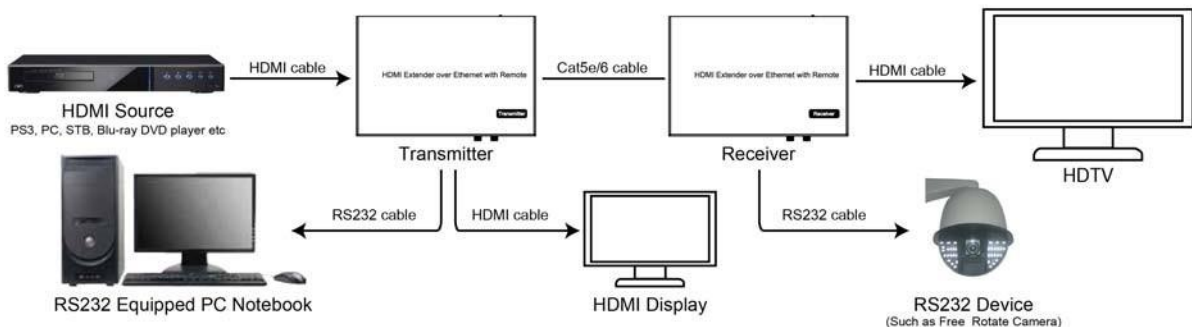
Wiring Schemes



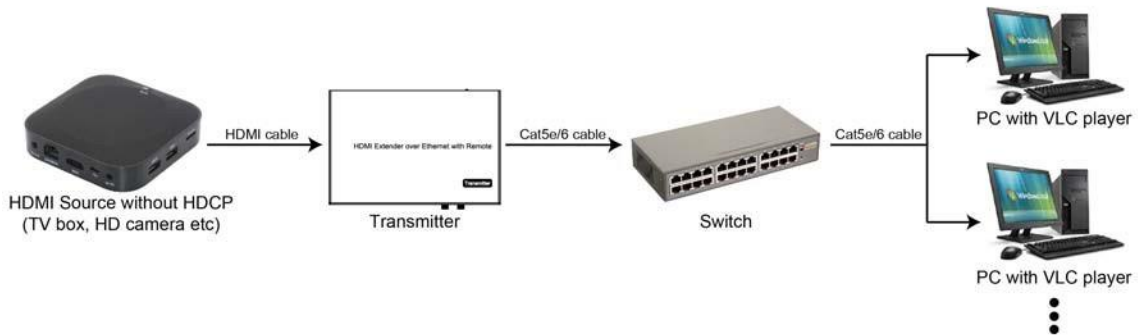
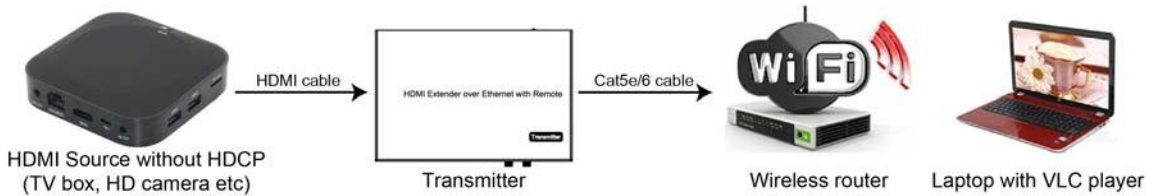
Note ✘ **Do not insert or pull out HDMI cable when power is on. Only connect cable when power is off.**

Point to Point

1. Connect the source device and the transmitter unit with HDMI cable.
2. Connect the transmitter's HDMI loop-out to the local HDMI display with HDMI cable.
3. Connect another HDMI display and the HDMI receiver unit with HDMI cable.
4. Connect the transmitter and receiver with Cat5e/6 cable.
5. Connect the IR TX cable to **IR TX** port on the transmitter; connect the IR RX cable to the **IR RX** port on the receiver. Control the source at the RX side with the source's remote control.
6. Connect one RS-232 cable from a PC or automation system to the RS-232 port on the transmitter; connect one RS-232 cable from the receiver to the RS-232 device to be controlled.
7. Power on the transmitter and receiver with adapter 5 V / 1 A. **NOTE: Insert/extract cables gently.**



Compatible with Video Players such as VLC, etc.



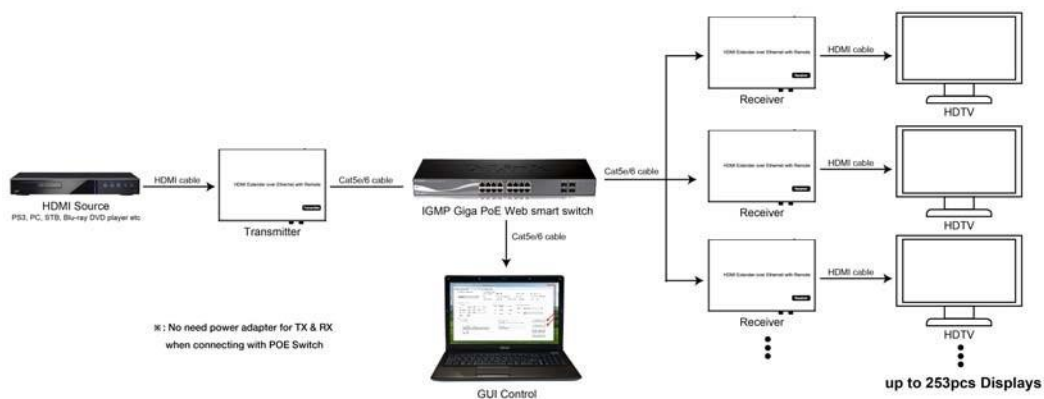
Point to Many

1. Set the IP address for the transmitter and receiver. Prepare the switch following the steps described above (5.1.1 & 5.2).
2. Connect the source device and the transmitter unit with HDMI cable.
3. Connect the transmitter's HDMI loop-out to the local HDMI display.
4. Connect the transmitter and the switch/router with Cat5e or Cat6 cable.
5. Connect all the receivers and the switch/router with Cat5e/6 cable.
6. Connect the HDMI displays and the HDMI Receiver units with HDMI cable.
7. Connect the IR TX cable to **IR TX** port on the transmitter; connect the IR RX cable to the **IR RX** port on the receiver. Control the source at the RX side with the source's remote control.
8. Connect one RS-232 cable from the PC or automation system to the RS-232 port on the transmitter; connect one RS-232 cable from the receiver to the RS-232 device to be controlled.
9. Power on the transmitter and receiver using the 5 V / 1 A adapter; turn on the switch.



Note ※ Daisy chain the switch if its RJ45 ports are not enough.

※ The number of connected receivers can be up to 255 pieces.



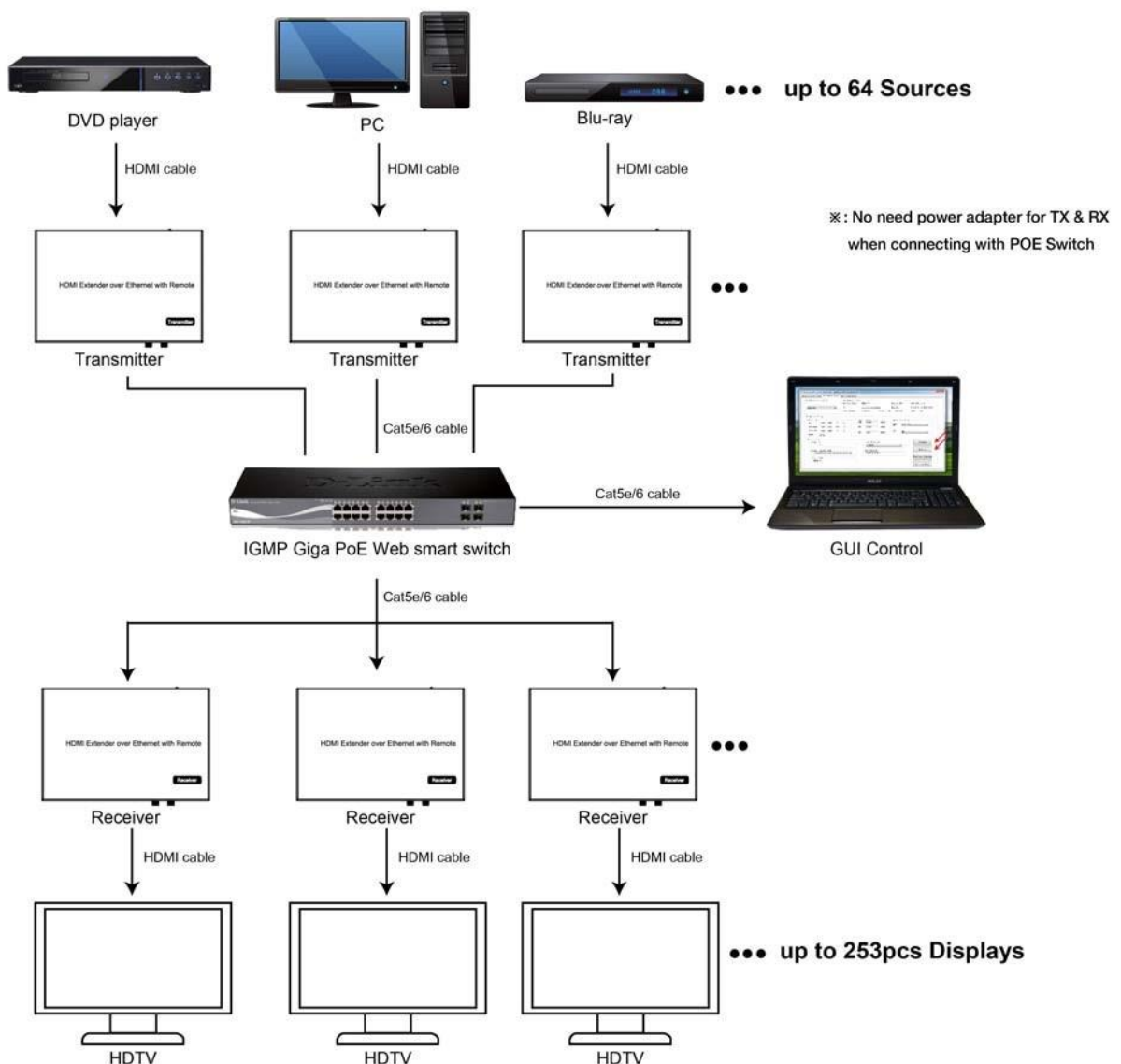
Many to Many

1. Set the IP address for the transmitter and receiver. Prepare the switch following the steps described above (5.1.1 & 5.2).
2. Connect the source device and the transmitter unit with HDMI cable.
3. Connect the transmitter's HDMI loop-out to the local HDMI display.
4. Connect transmitters and the switch/router with Cat5e or Cat6 cable.
5. Connect the receivers and the switch/router with Cat5e/6 cable
6. Connect the HDMI displays and the HDMI receiver units with HDMI cable.
7. Connect the IR TX cable to **IR TX** port on the transmitter; connect the IR RX cable to the **IR RX** port on the receiver. Control the source at the RX side with the source's remote control.
8. Connect one RS-232 cable from the PC or automation system to the RS-232 port on the transmitter; connect one RS-232 cable from the receiver to the RS-232 device to be controlled.
9. Power on the transmitter and receivers with the 5 V / 1 A adapter; turn on the switch.
10. Choose the source by remote control or Web browser as described above (5.1.2).



Note

- ※ Daisy chain the switch if its RJ45 port are not enough.
- ※ The number of connected transmitters can be up to 64 pieces.
- ※ The total quantity of transmitters and receivers must be less than 256 pieces.





Note※ The total quantity of transmitters, receivers and switches must be less than 256 pieces.

RS232 and Baud Rate

The unit provides a path to pass the RS-232 signal through, from TX to RX or from RX to TX. This function lets you to connect to your RS-232 devices, such as PC, IP Camera, control panel, smart matrix, printer, scanner and more. It works when the baud rates of the TX, RX and RS-232 devices are the same. The default baud rate of TX and RX is 2400, which is frequently used for most devices.

Baud Rate Setting

Setting the Baud Rate via Web Browser

Log in to the TX and RX with their default IP addresses (TX: 192.168.1.11; RX: 192.168.1.12) to modify the Baud Rate, which ranges from 2400 (default) to 115200.

Uart Setting:

Baud Rate:



Note

- ※ When you change the Baud Rate on both the Web browser and remote control, the units will follow the latest one.
- ※ Send the data in the same group ID.

Firmware update

We provide the firmware to upgrade the units when necessary. Follow these steps to update the firmware.

Step 1: Connect TX/RX to the PC with a short Cat5e cable.

Step 2: Power on TX/RX with the 5 V / 1 A power adapter.

Step 3: Log in to the TX or RX with their default IP (TX: 192.168.1.11; RX: 192.168.1.12) via web browser; TX requires username: **admin** and password: **admin**.

Step 4: Click **Choose File** on the interface and find out the latest version firmware.

Step 5: Click **Upgrade**; the process will take seconds. DO NOT interrupt or power off the units during the time.

File to Upgrade Firmware:

No file chosen

Reset to Factory Defaults

To reset to factory defaults, insert a tiny pin into the reset hole and hold about 10 seconds while the unit is connected.



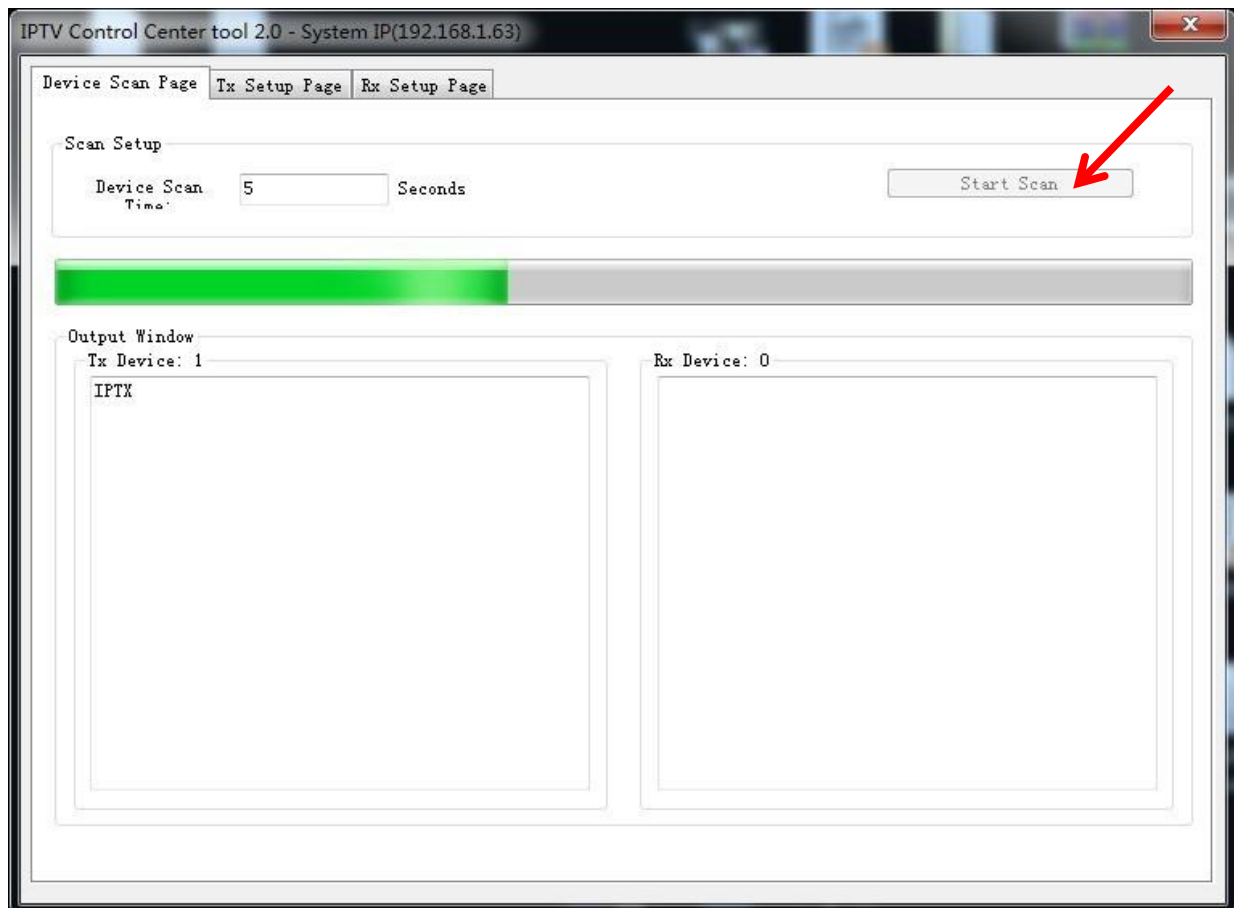
PC Tool Instructions

Step 1: Make sure the transmitter and PC are in the same domain (refer to 5.1.1).

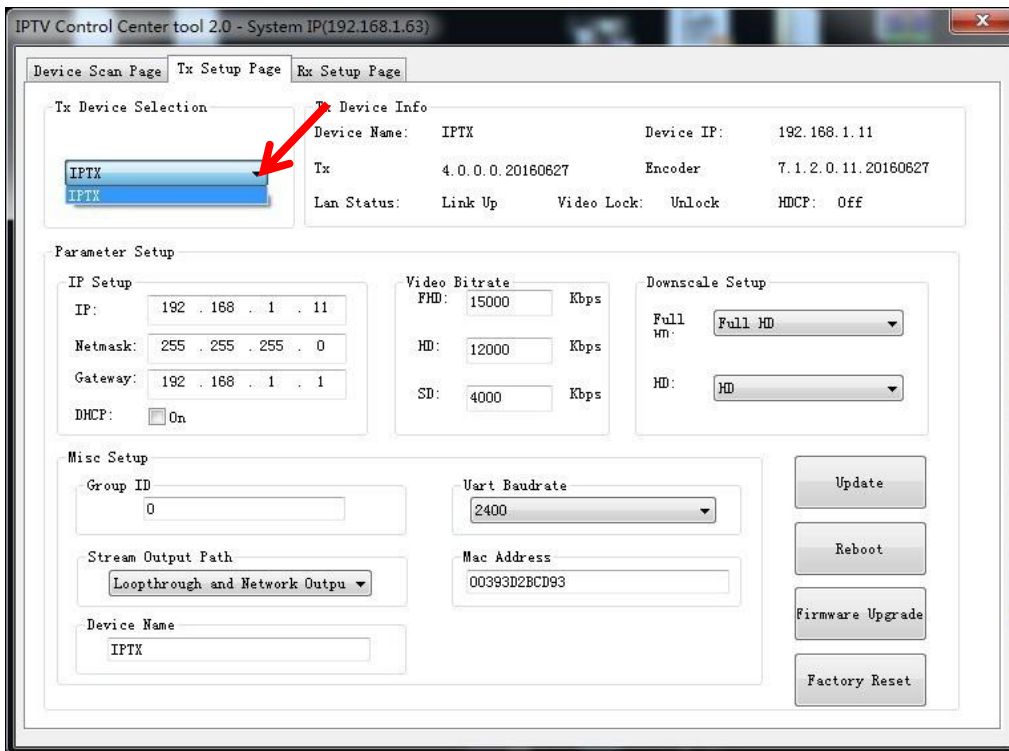
Step 2: Open the PC Tool.



Step 3: Click **Start Scan**.



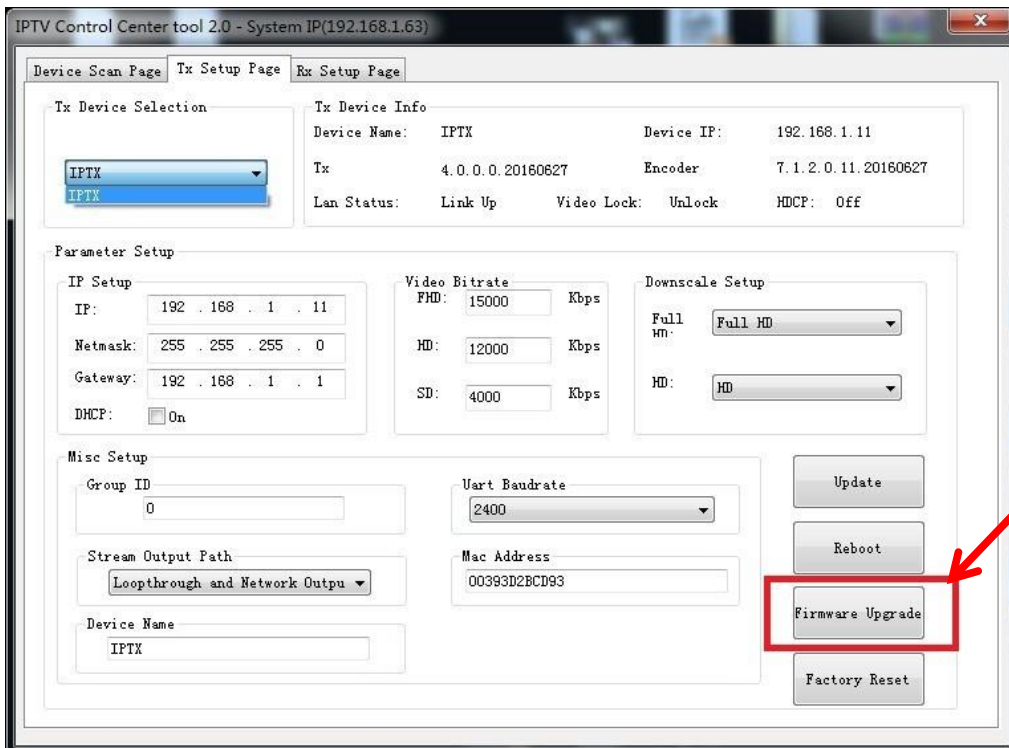
Step 4: Choose the TX or RX Name.



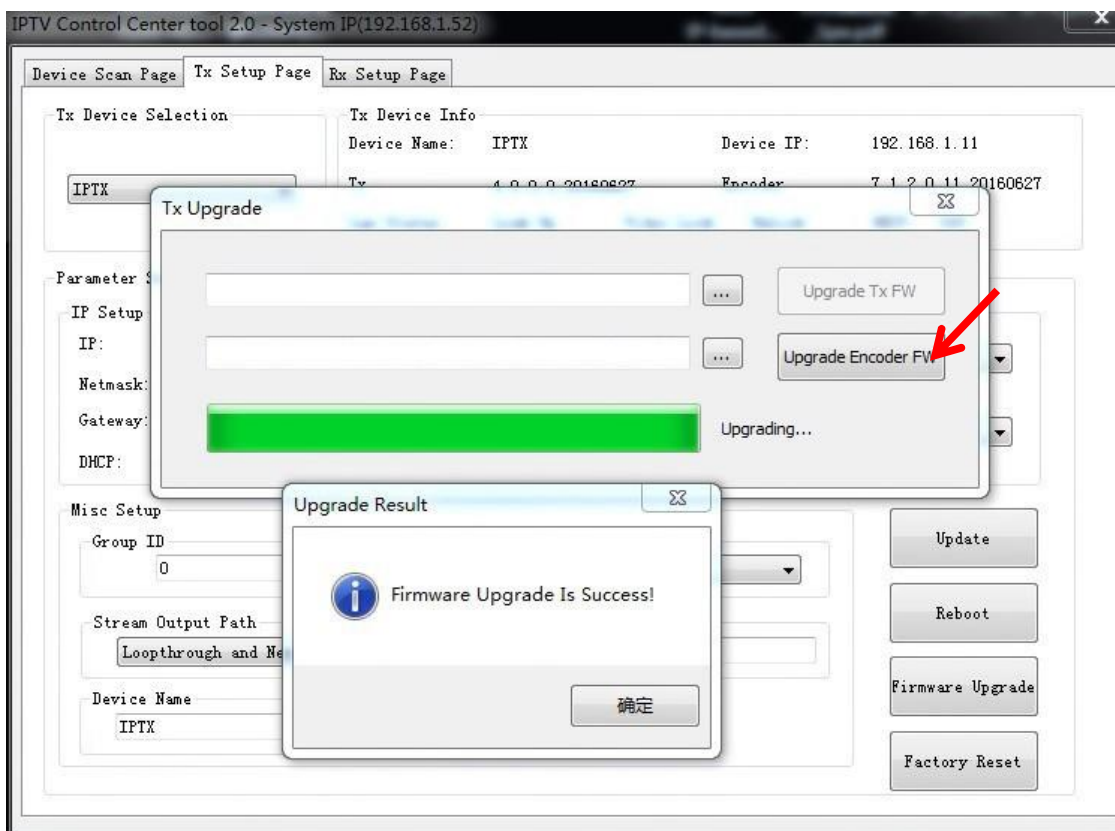
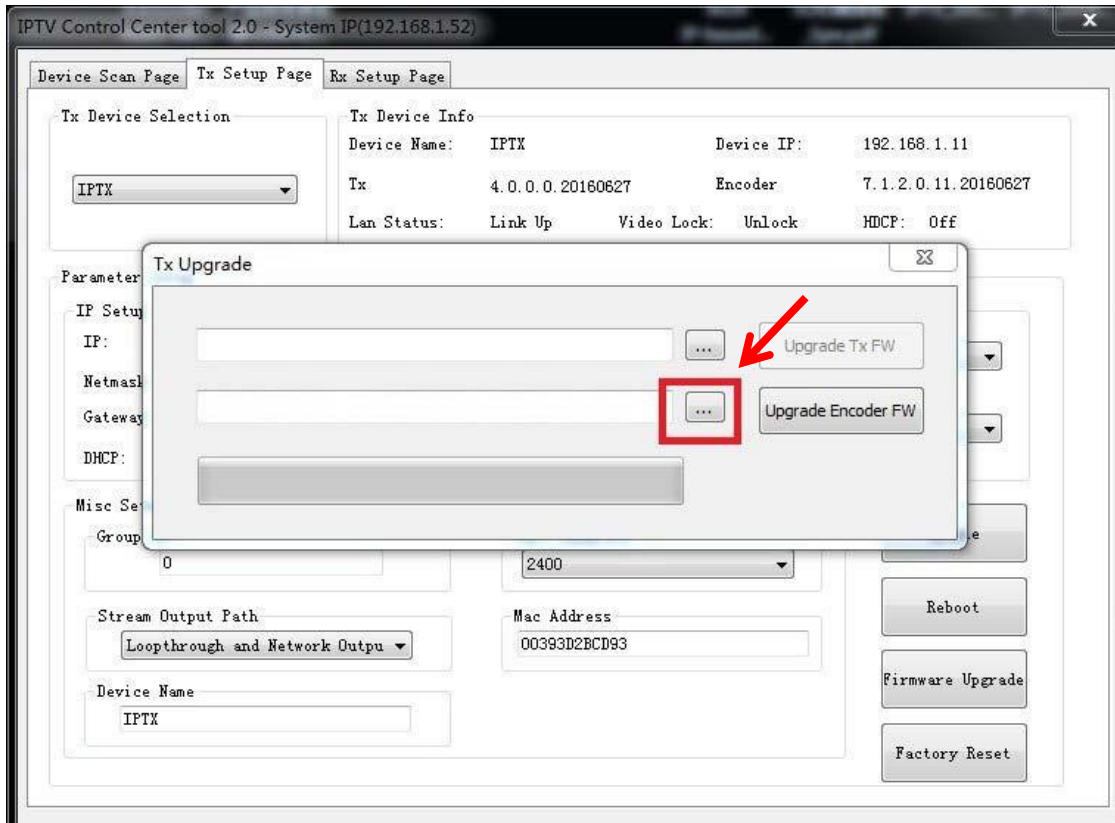
Firmware Upgrade

Upgrade for TX

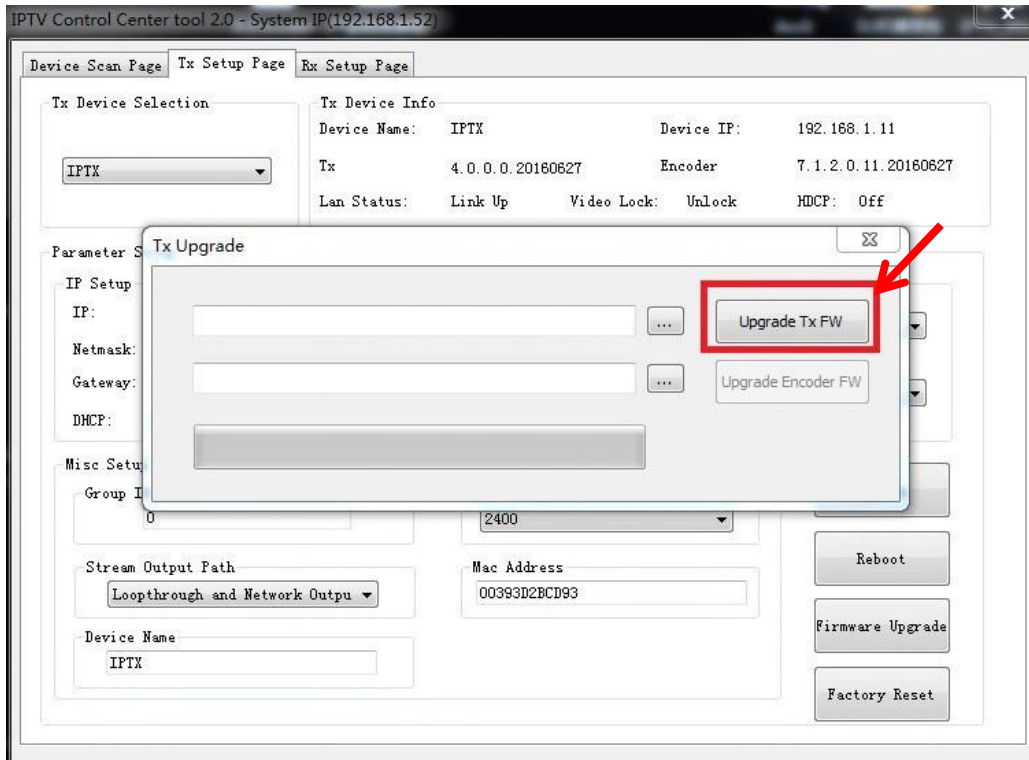
Step 1: Click Firmware Upgrade.



Step 2: Click Upgrade Encoder FW first.

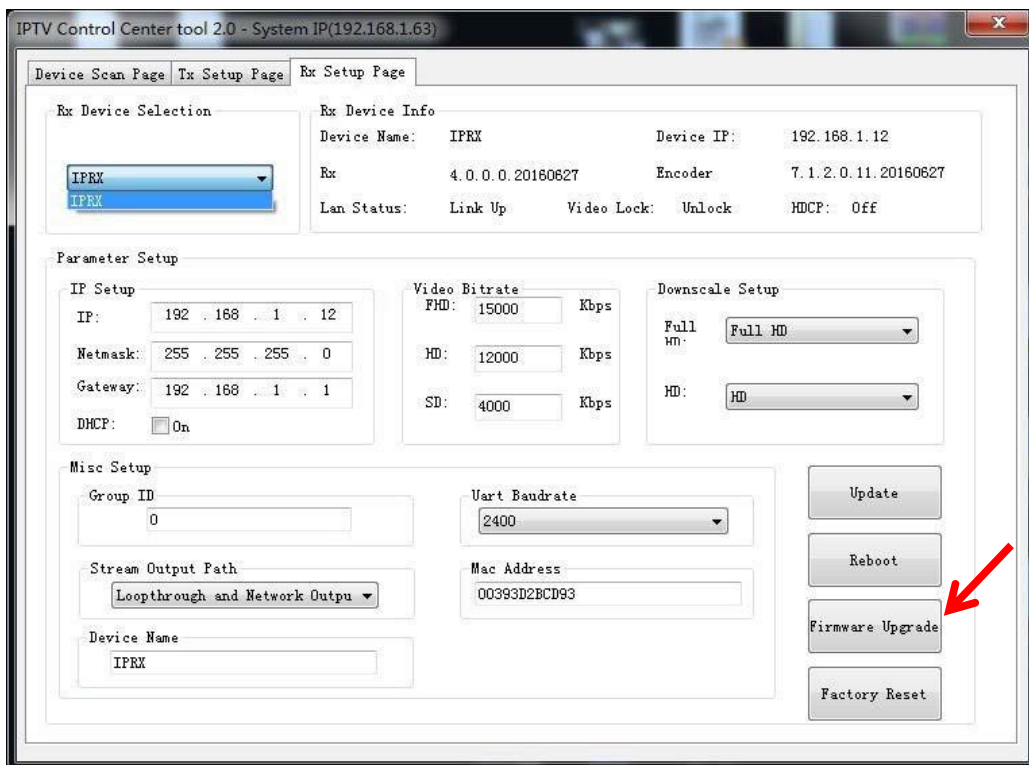


Step 3: After step 2 is finished, click **Firmware Upgrade** again, then click **Upgrade TX FW**.

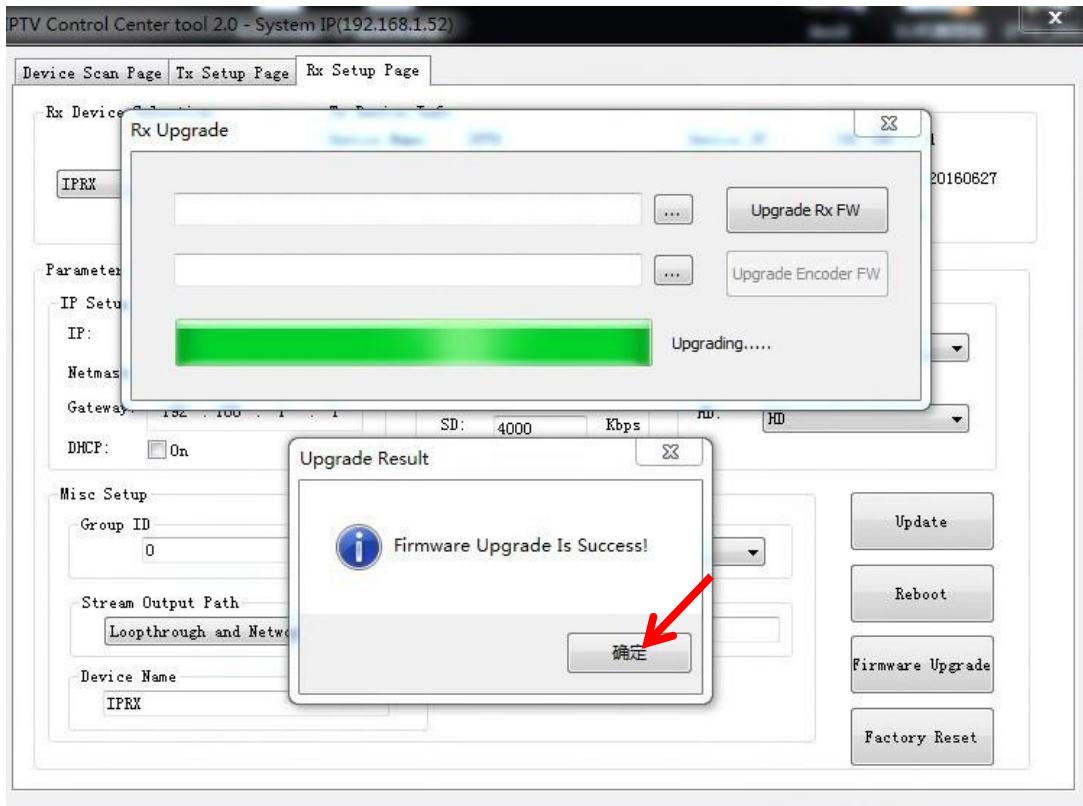
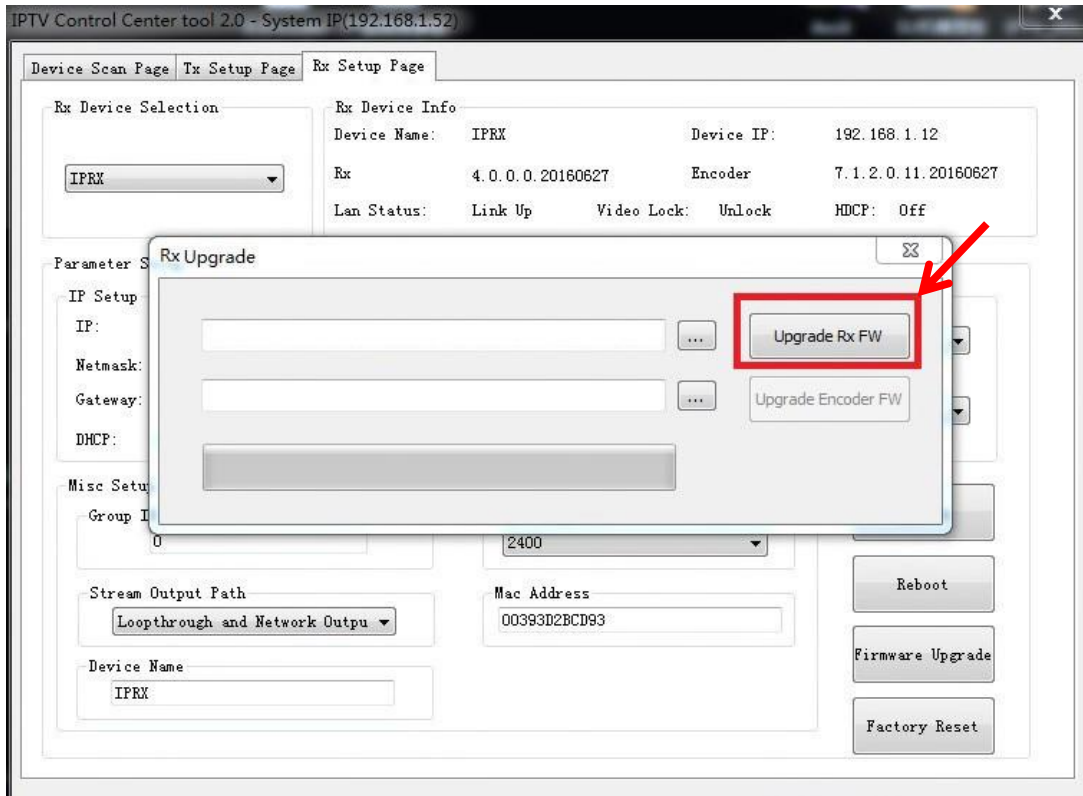


Upgrade for RX

Step 1: Click **Firmware Upgrade**.



Step 2: Click Upgrade Rx FW.



Other settings

Step 1: Change the IP/Netmask/Gateway/DHCP/Uart Baudrate/Group ID/MAC Address/ Device name via the PC tool interface.

IPTV Control Center tool 2.0 - System IP(192.168.1.63)

Device Scan Page Tx Setup Page Rx Setup Page

Tx Device Selection

Tx Device Info

Device Name: IPTX Device IP: 192.168.1.11

Tx: 4.0.0.0.20160627 Encoder: 7.1.2.0.11.20160627

Lan Status: Link Up Video Lock: Unlock HDCP: Off

Parameter Setup

IP Setup

IP: 192 . 168 . 1 . 11

Netmask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 1 . 1

DHCP: On

Video Bitrate

FHD: 15000 Kbps

HD: 12000 Kbps

SD: 4000 Kbps

Downscale Setup

Full HD: Full HD

HD: HD

Misc Setup

Group ID: 0

Uart Baudrate: 2400

Stream Output Path: Loophthrough and Network Outpu

Mac Address: 00393D2BCD93

Device Name: IPTX

Update

Reboot

Firmware Upgrade

Factory Reset

Step 2: Click **Update**. Once it is finished, click **Reboot**.

IPTV Control Center tool 2.0 - System IP(192.168.1.63)

Device Scan Page Tx Setup Page Rx Setup Page

Rx Device Selection

Rx Device Info

Device Name: IPRX Device IP: 192.168.1.12

Rx: 4.0.0.0.20160627 Encoder: 7.1.2.0.11.20160627

Lan Status: Link Up Video Lock: Unlock HDCP: Off

Parameter Setup

IP Setup

IP: 192 . 168 . 1 . 12

Netmask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 1 . 1

DHCP: On

Video Bitrate

FHD: 15000 Kbps

HD: 12000 Kbps

SD: 4000 Kbps

Downscale Setup

Full HD: Full HD

HD: HD

Misc Setup

Group ID: 0

Uart Baudrate: 2400

Stream Output Path: Loophthrough and Network Outpu

Mac Address: 00393D2BCD93

Device Name: IPRX

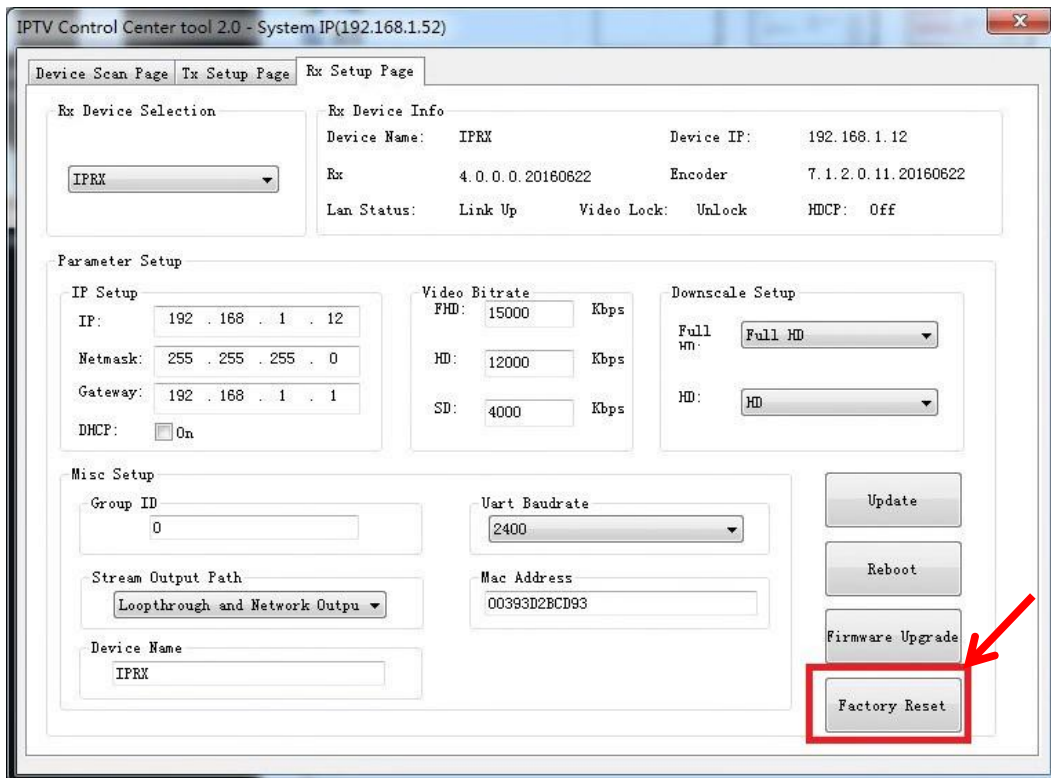
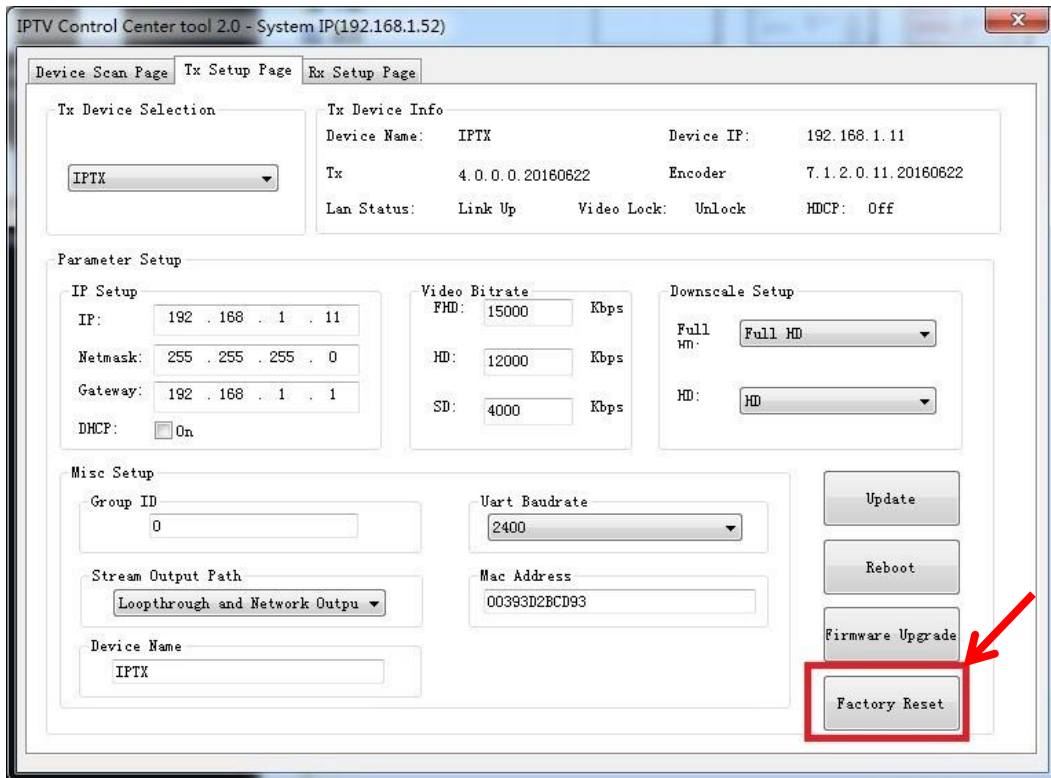
Update

Reboot

Firmware Upgrade

Factory Reset

Click "Factory Reset" on TX or RX.



How to Use VLC

Step 1: Make sure the transmitter and PC are in the same domain (refer to 5.1.1).

Step 2: Connect the HDMI source without HDCP with the transmitter and power on the device.

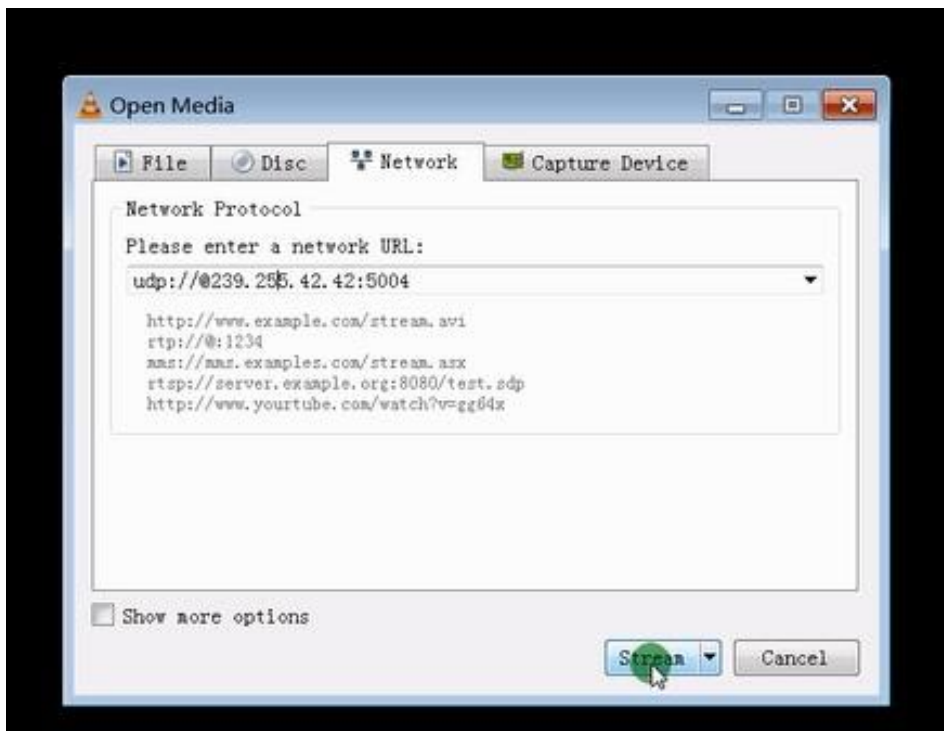
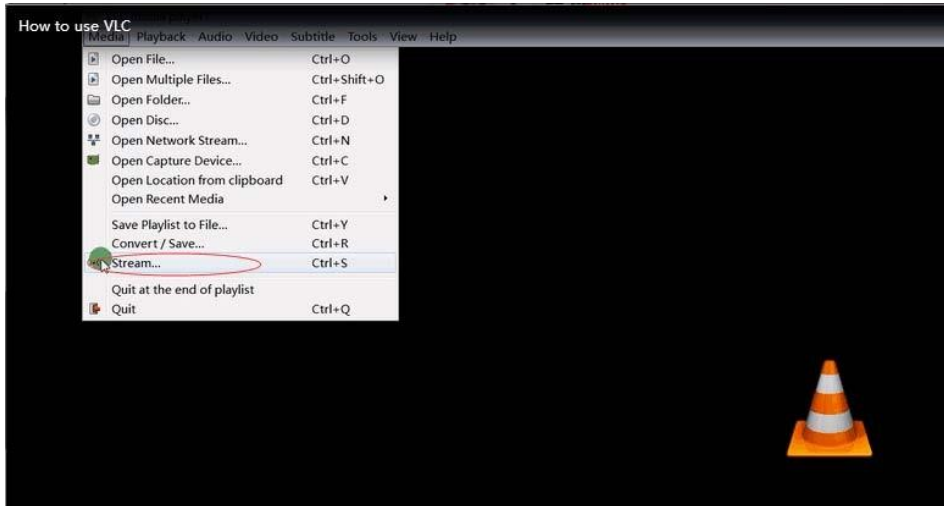
Step 3: Connect the transmitter to the PC.

Step 4: Check the Multicast Group on the web (refer to 5.1.3).

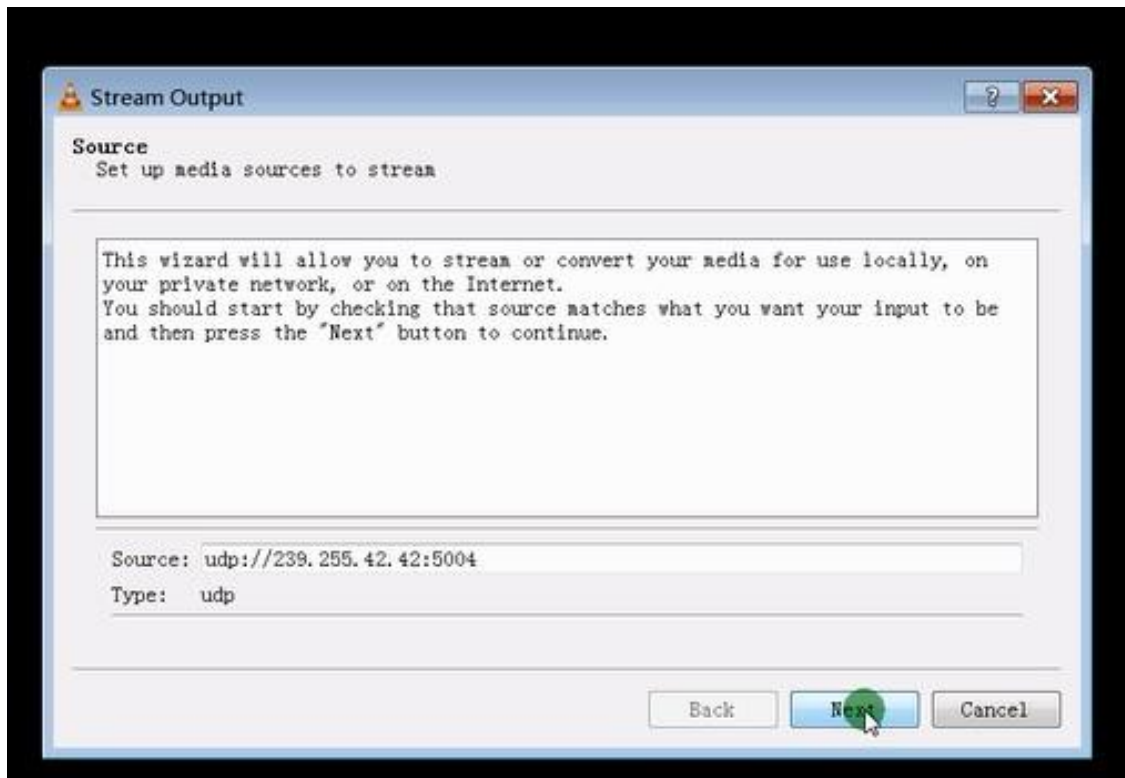
Step 5: Open the VLC media Player; click **Stream > Network** and input **UDP://@239.255.42.42:5004**



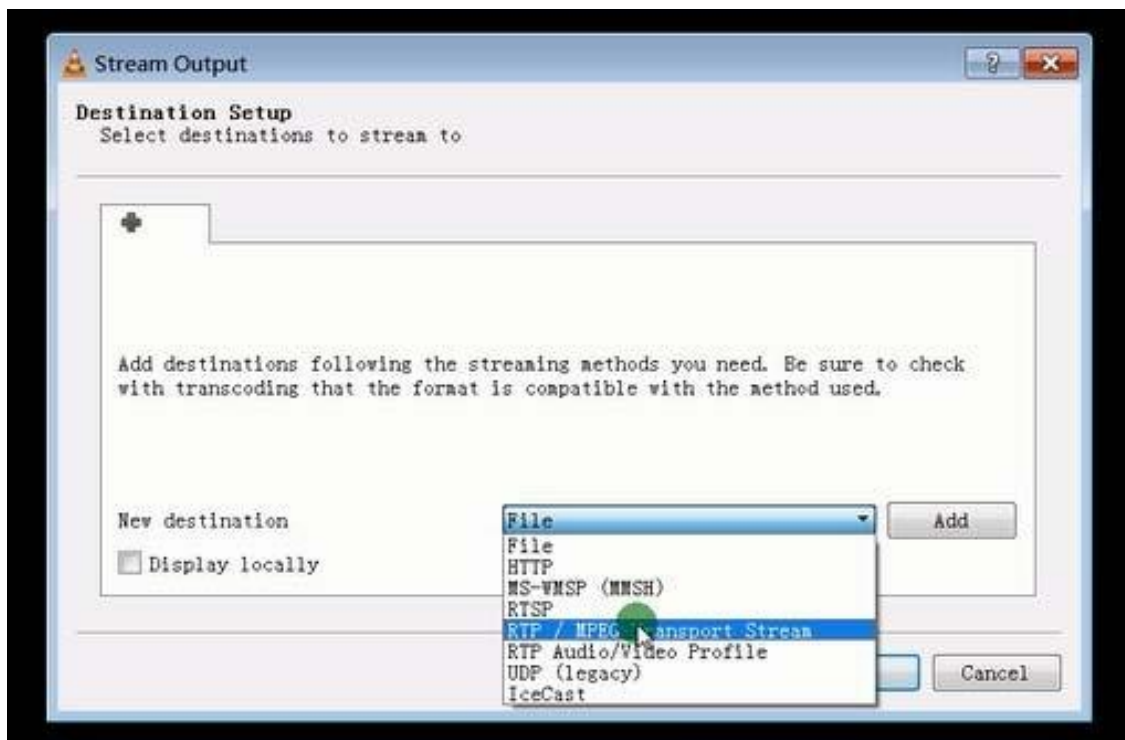
Note ✖ 239.255.42.42 (Multicast Group) 5004 (Port)



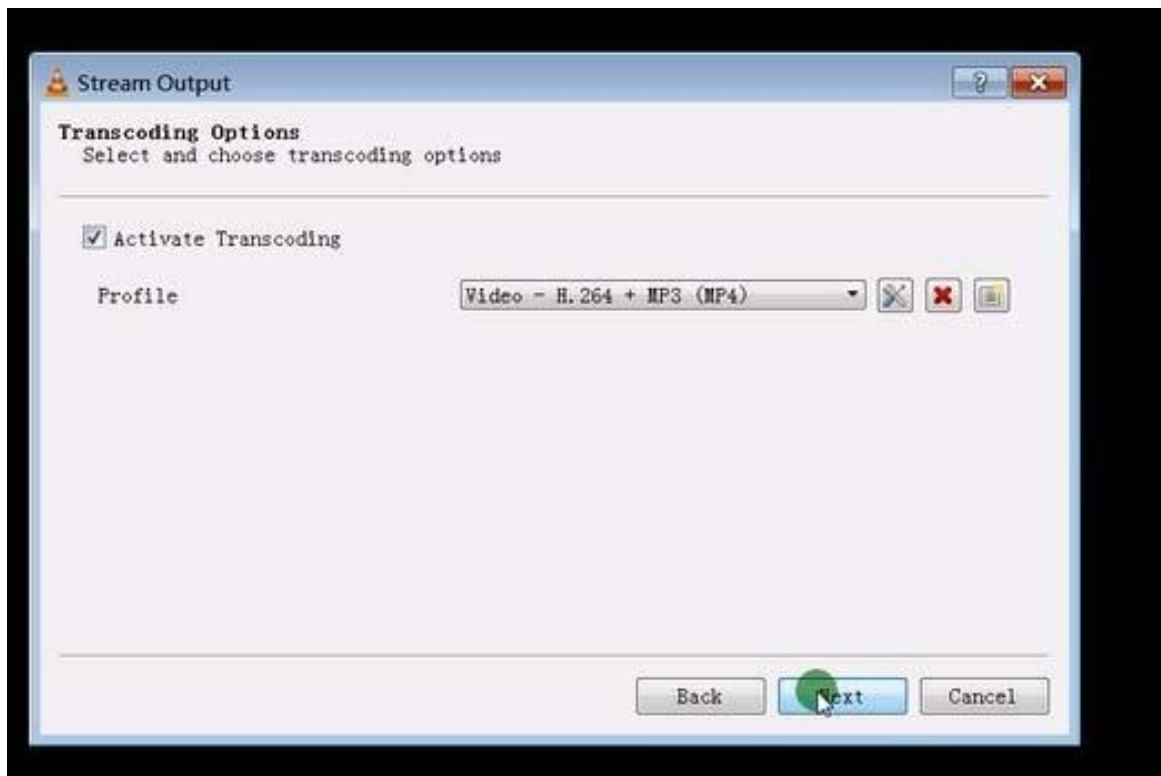
Step 6: Click Next.



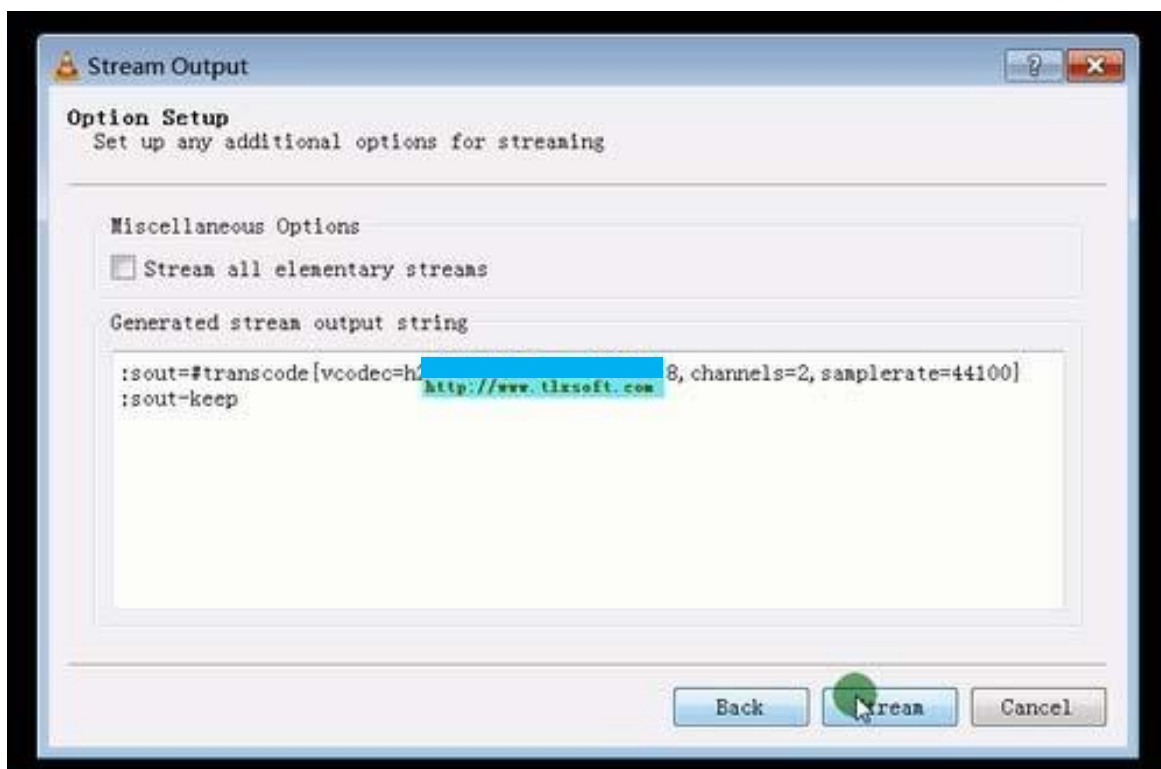
Step 7: Choose RTP / MPEC Transport Stream or UDP.



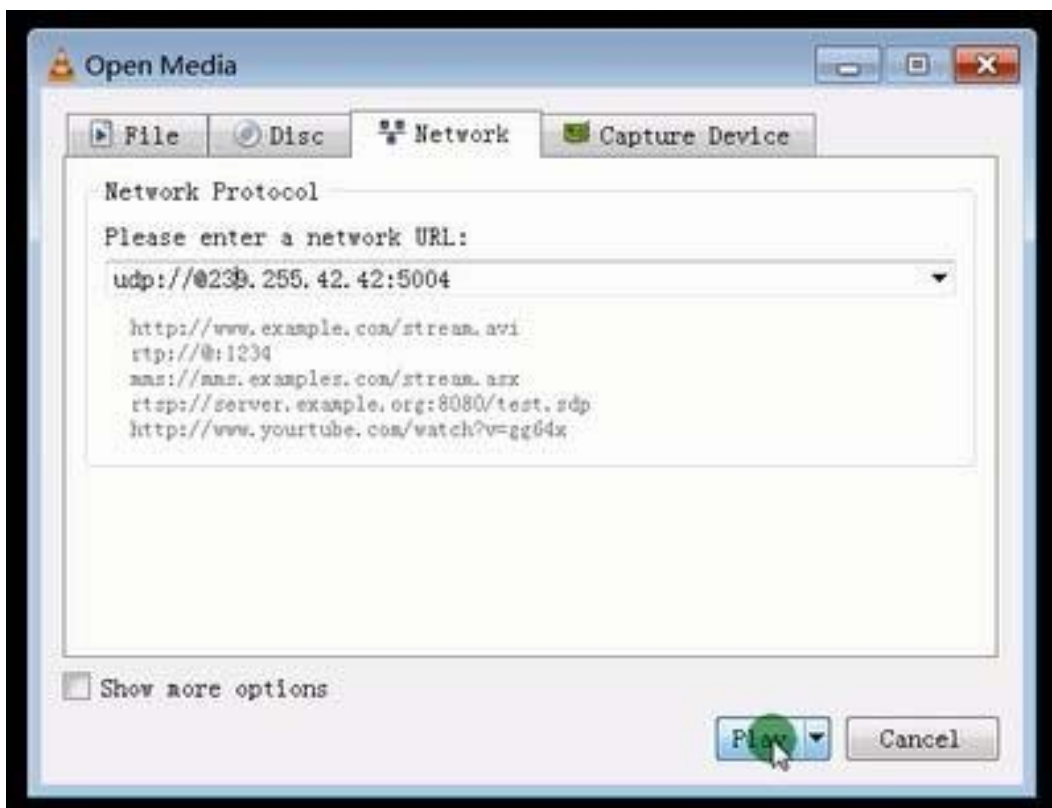
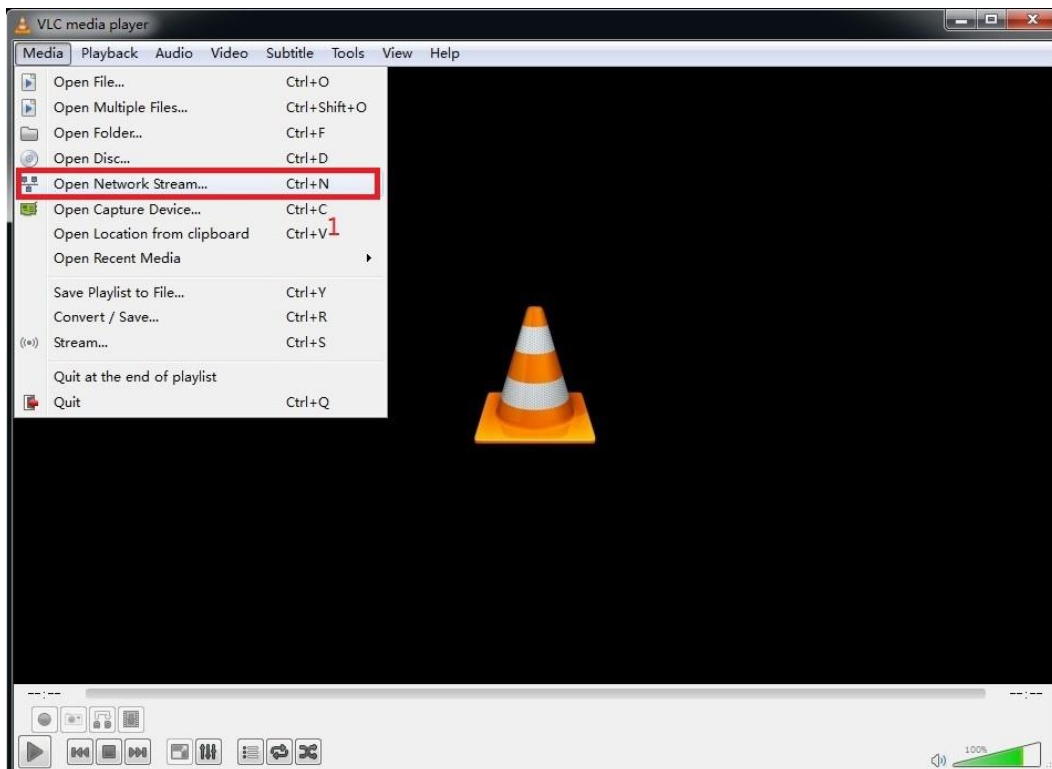
Step 8: Click Next.



Step 9: Click Stream.



Step 10: Click **Open Network Stream**, then click **Play** to view the video.



Additional Information

WASTE ELECTRICAL & ELECTRONIC EQUIPMENT DISPOSAL OF ELECTRIC AND ELECTRONIC EQUIPMENT

(Applicable in The European Union and Other European Countries With Separate Collection Systems)

ENGLISH: This symbol on the product or its packaging means that this product must not be treated as unsorted household waste. In accordance with EU Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE), this electrical product must be disposed of in accordance with the user's local regulations for electrical or electronic waste. Please dispose of this product by returning it to your local point of sale or recycling pickup point in your municipality.

DEUTSCH: Dieses auf dem Produkt oder der Verpackung angebrachte Symbol zeigt an, dass dieses Produkt nicht mit dem Hausmüll entsorgt werden darf. In Übereinstimmung mit der Richtlinie 2012/19/EU des Europäischen Parlaments und des Rates über Elektro- und Elektronik-Altgeräte (WEEE) darf dieses Elektrogerät nicht im normalen Hausmüll oder dem Gelben Sack entsorgt werden. Wenn Sie dieses Produkt entsorgen möchten, bringen Sie es bitte zur Verkaufsstelle zurück oder zum Recycling-Sammelpunkt Ihrer Gemeinde.

ESPAÑOL: Este símbolo en el producto o su embalaje indica que el producto no debe tratarse como residuo doméstico. De conformidad con la Directiva 2012/19/EU de la UE sobre residuos de aparatos eléctricos y electrónicos (RAEE), este producto eléctrico no puede desecharse se con el resto de residuos no clasificados. Deshágase de este producto devolviéndolo a su punto de venta o a un punto de recolección municipal para su reciclaje.

FRANÇAIS: Ce symbole sur le produit ou son emballage signifie que ce produit ne doit pas être traité comme un déchet ménager. Conformément à la Directive 2012/19/EU sur les déchets d'équipements électriques et électroniques (DEEE), ce produit électrique ne doit en aucun cas être mis au rebut sous forme de déchet municipal non trié. Veuillez vous débarrasser de ce produit en le renvoyant à son point de vente ou au point de ramassage local dans votre municipalité, à des fins de recyclage.

POLSKI: Jeśli na produkcie lub jego opakowaniu umieszczono ten symbol, wówczas w czasie utylizacji nie wolno wyrzucać tego produktu wraz z odpadami komunalnymi. Zgodnie z Dyrektywą Nr 2012/19/EU w sprawie zużytego sprzętu elektrycznego i elektronicznego (WEEE), niniejszego produktu elektrycznego nie wolno usuwać jako nie posortowanego odpadu komunalnego. Prosimy o usunięcie niniejszego produktu poprzez jego zwrot do punktu zakupu lub oddanie do miejscowego komunalnego punktu zbiórki odpadów przeznaczonych do recyklingu.

ITALIANO: Questo simbolo sui prodotto o sulla relativa confezione indica che il prodotto non va trattato come un rifiuto domestico. In ottemperanza alla Direttiva UE 2012/19/EU sui rifiuti di apparecchiature elettriche ed elettroniche (RAEE), questa prodotto elettrico non deve essere smaltito come rifiuto municipale misto. Si prega di smaltire il prodotto riportandolo al punto vendita o al punto di raccolta municipale locale per un opportuno riciclaggio.

WARRANTY INFORMATION • GARANTIEINFORMATIONEN • GARANTÍA • GARANTIE • GWARANCJI • GARANZIA

USA & CANADA: intellinetsolutions.us

DEUTSCHLAND: intellinetnetwork.de

EUROPA: intellinetnetwork.eu

ITALIA: intellinetnetwork.it

EN MÉXICO: intellinetsolutions.mx | Póliza de Garantía Intellinet — Datos del importador y responsable: IC Intracom México, S.A.P.I. de C.V.

• Av. Interceptor Poniente # 73, Col. Parque Industrial La Joya, Cuautitlán Izcalli, Estado de México, C.P. 54730, México. • Tel. (55)1500-4500

La presente garantía cubre los siguientes productos contra cualquier defecto de fabricación en sus materiales y mano de obra.

- Garantizamos los productos de limpieza, aire comprimido y consumibles, por 60 días a partir de la fecha de entrega, o por el tiempo en que se agote totalmente su contenido por su propia función de uso, lo que suceda primero.
- Garantizamos los productos con partes móviles por 3 años.
- Garantizamos los demás productos por 5 años (productos sin partes móviles), bajo las siguientes condiciones:
 - Todos los productos a que se refiere esta garantía, ampara su cambio físico, sin ningún cargo para el consumidor.
 - El comercializador no tiene talleres de servicio, debido a que los productos que se garantizan no cuentan con reparaciones, ni refacciones, ya que su garantía es de cambio físico.
 - La garantía cubre exclusivamente aquellas partes, equipos o sub-ensambles que hayan sido instaladas de fábrica y no incluye en ningún caso el equipo adicional o cualesquiera que hayan sido adicionados al mismo por el usuario o distribuidor.

Para hacer efectiva esta garantía bastará con presentar el producto al distribuidor en el domicilio donde fue adquirido o en el domicilio de IC Intracom México, S.A.P.I. de C.V., junto con los accesorios contenidos en su empaque, acompañado de su póliza debidamente llenada y sellada por la casa vendedora (indispensable el sello y fecha de compra) donde lo adquirió, o bien, la factura o ticket de compra original donde se mencione claramente el modelo, número de serie (cuando aplique) y fecha de adquisición. Esta garantía no es válida en los siguientes casos: Si el producto se hubiese utilizado en condiciones distintas a las normales; si el producto no ha sido operado conforme a los instructivos de uso; o si el producto ha sido alterado o tratado de ser reparado por el consumidor o terceras personas.

REGULATORY STATEMENTS

FCC Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of Federal Communications Commission (FCC) Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna; increase the separation between the equipment and the receiver; connect the equipment to an outlet on a circuit different from the receiver; or consult the dealer or an experienced radio/TV technician for help.

CE

ENGLISH: This device complies with the requirements of CE 2014/30/EU and/or 2014/35/EU. The Declaration of Conformity for is available at:

DEUTSCH: Dieses Gerät entspricht der CE 2014/30/EU und / oder 2014/35/EU. Die Konformitätserklärung für dieses Produkt finden Sie unter:

ESPAÑOL: Este dispositivo cumple con los requerimientos de CE 2014/30/EU y / o 2014/35/EU. La declaración de conformidad esta disponible en:

FRANÇAIS: Cet appareil satisfait aux exigences de CE 2014/30/EU et / ou 2014/35/EU. La Déclaration de Conformité est disponible à :

POLSKI: Urządzenie spełnia wymagania CE 2014/30/EU i / lub 2014/35/EU. Deklaracja zgodności dostępna jest na stronie internetowej producenta:

ITALIANO: Questo dispositivo è conforme alla CE 2014/30/EU e / o 2014/35/EU. La dichiarazione di conformità è disponibile al:

intellinetnetwork.com/barcode/207577

intellinetnetwork.com/barcode/208246

intellinetnetwork.com/barcode/208253



North America	Asia & Africa	Europe
IC Intracom America 550 Commerce Blvd. Olatsemar, FL 34677, USA	IC Intracom Asia 4-F, No. 77, Sec. 1, Xintai 5th Rd. Xizhi Dist., New Taipei City 221, Taiwan	IC Intracom Europe Löhbacher Str. 7, D-58553 Halver, Germany

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