

Digital Signage

IHD-410 Series

Video Wall Ultra 4K HDMI Extender over IP

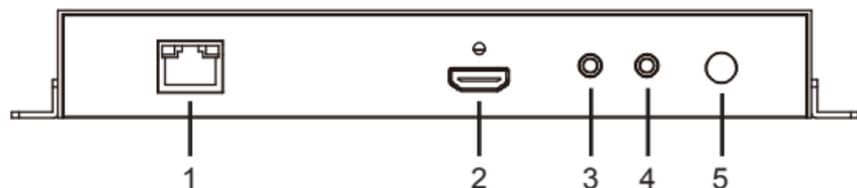


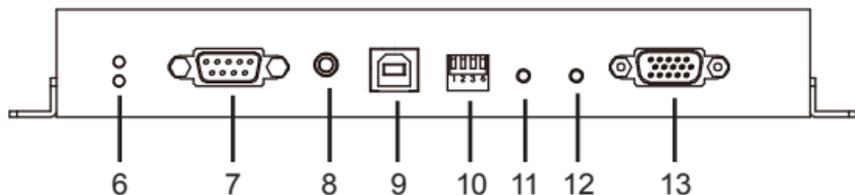
Verify The Contents Inside Package Box

The package should contain the following items plus IHD-410 series. If any item is missing or damaged, please contact the seller immediately.

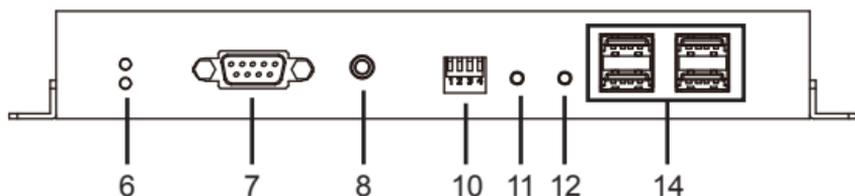
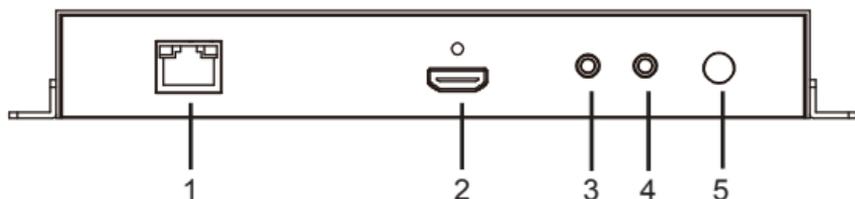
		
Quick Installation Guide	IR Emitter Cable (Comes with Transmitter)	IR Receiver Cable (Comes with Receiver)
		
Mounting Bracket	Screws	

Product Outlook & Functions





Transmitter (IHD-410PT)



Receiver (IHD-410PR)

Position	Description	Function
1	Ethernet (PoE)	<ul style="list-style-type: none"> ● Connect to a LAN Switch. IGMP snooping and Jumbo Frame supported Gigabit IEEE 802.3af/at PoE+ Ethernet switch is recommended. ● LED: <ol style="list-style-type: none"> 1. LAN LED (green color): This LED will be flashing while network is accessing via Ethernet. 2. Power LED (orange color): When the device is powered on, and the device is connected to Ethernet switch, the LED will be always on.

Position	Description	Function
2	HDMI	Transmitter: HDMI Type-A female connector for connecting to the HDMI source. Receiver: HDMI Type-A female connector for video output.
3	Audio In	3.5mm jack for connecting an external active microphone.
4	Audio Out	3.5mm jack for connecting an active loud speaker.
5	DC 12V	12V/2A DC power input. Only use one power source, either from DC or from 802.3af/at PoE+ Ethernet switch.
6	ACT/Link	<ul style="list-style-type: none"> ● ACT: ACT LED indicator turns blue when the device is powered up. ● Link: Link LED indicator flickers green when network connection is waiting for video source, turns green when network connection and video source is functioning properly.
7	RS-232	DB-9 female connector for RS-232 bi-directional remote extension.
8	IR	Transmitter: 3.5mm jack for IR emitter cable to control video source device. Receiver: 3.5mm jack for IR receiver cable to receive signal from remote controller.
9	PC USB	USB Host Input Port.
10	Group	Group configuration, 4-bit switch for 16 stream channel selection.
11	Reset	This button supports two functions: "Restore to factory default setting" and "Stop connecting to video source".

Position	Description	Function
11	Reset	<ul style="list-style-type: none"> ● Restore to factory default setting: <ol style="list-style-type: none"> 1. Turn on the device first. 2. Press and hold the button for over 15 seconds. Once the device is operational again, it has restored to default settings. ● Stop connecting to video source: <ol style="list-style-type: none"> 1. Turn on the device first. 2. Press and hold the button for 1 second, the link LED will turn off, the device does not connect to video source. 3. Press and hold the button for 1 second again, the link LED will turn on, the device will connect to video source again.
12	G/V Mode	Press the button for 1 second to select Graphic Mode or Video Mode (also deploy to all the IHD-410PT and IHD-410PR of the same channel).
13	VGA Out	DB9 connector for VGA local display.
14	USB	USB ports for additional USB devices such as USB mouse, USB keyboard and USB pen drive.

Installation

1. Connect the video source to the Transmitter/Sender (**IHD-410PT**) Unit's **HDMI In** interface.
2. Connect the monitor to the Receiver (**IHD-410PR**) Unit's **HDMI Out** interface.
3. Set an **identical ID number** on DIP switch for all units of the same group.

4. Connect the USB cables from Transmitter to PC, and connect the USB additional devices such as USB mouse, USB keyboard and USB pen drive to Receiver.
5. Use Cat5e/6 cables (EIA/TIA 568B industry standard compliant) for connection between Transmitter/Receiver and the IEEE 802.3af/at PoE+ switch.
6. Apply the proper power to all connecting devices.
7. Connect the IR emitter cable with Transmitter and the IR receiver cable with Receiver for remote control.

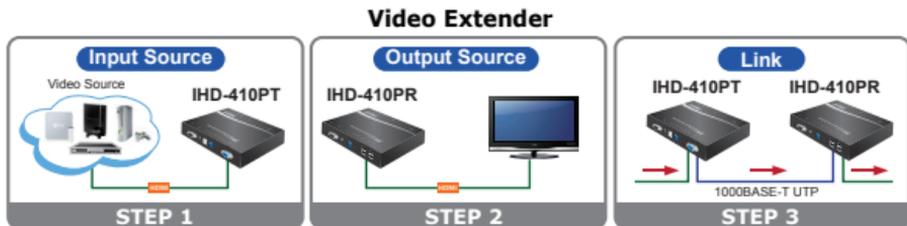


Note

- It is suggested using the Gigabit IEEE 802.3af/at PoE+ Ethernet switch with IGMP Snooping and Jumbo Frame to ensure optimal transmission quality.
- If users encounter no screen display in computer connection:
 1. Make sure the device cables are correctly and firmly attached.
 2. Set your display device's (TV, monitor, etc.) input source as HDMI.
 3. Check the PC BIOS configuration about the video output setting.
 4. Connect your computer to the HDMI Display DIRECTLY to check if the video signal gets through.

Connection Pattern

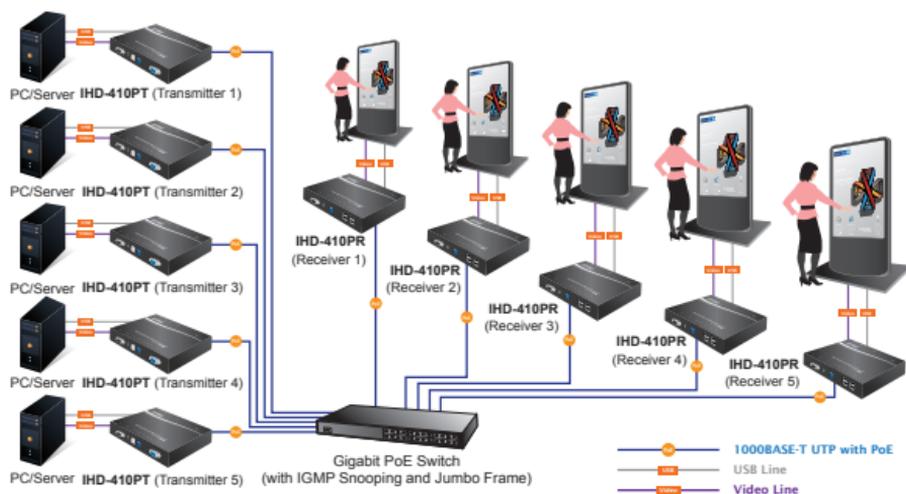
1. Point to Point:



* More PoE switches and RXs (Receivers) can be used to distribute a single video signal to multi-monitors.

2. Multicasting:

Multiple HDMI and USB over IP Interaction Application



Further Configuration

For detailed configuration, please refer to user manual downloadable from the web site. (<http://www.planet.com.tw/en/support/download.php>).

User's Manual



If you have any other question, please contact the dealer where you purchased this product or you can contact PLANET directly at the following email address: support@planet.com.tw

www.PLANET.com.tw

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