

# Digital Signage

IHD-210 Series

## High Definition HDMI Extender over IP

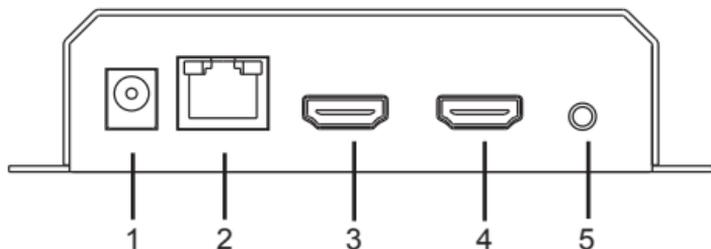


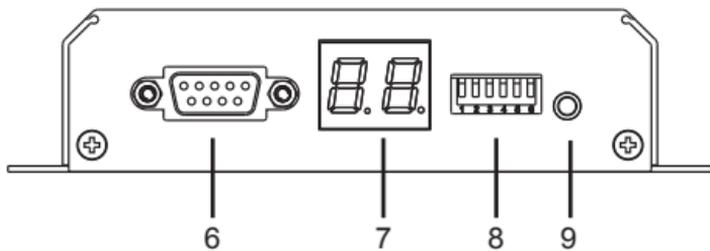
## Verify The Contents Inside Package Box

The package should contain the following items plus IHD-210 series. If any item is missing or damaged, please contact the seller immediately.

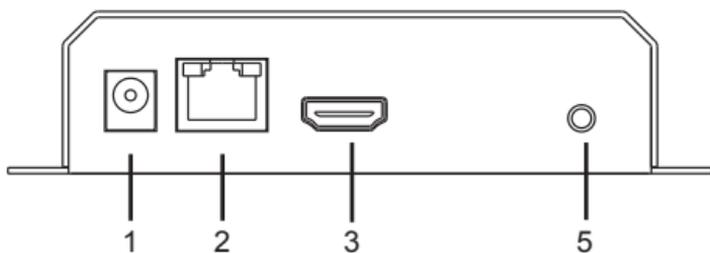
 <p>The image shows the cover of a 'Quick Installation Guide' for the 'Digital Signage IHD-210 Series'. It features the PLANET logo at the top, the product name, and a photograph of the device. Technical specifications at the bottom include 'Cat. 5e', '420p', '64', '1000Mbps', and 'PoE'.</p>	 <p>A black cable with a red IR LED emitter at one end and a standard RJ45 Ethernet connector at the other.</p>	 <p>A black cable with a black IR receiver at one end and a standard RJ45 Ethernet connector at the other.</p>
Quick Installation Guide	IR Emitter Cable (Comes with Transmitter)	IR Receiver Cable (Comes with Receiver)

## Product Outlook & Functions





Transmitter (IHD-210PT)



Receiver (IHD-210PR)

Position	Description	Function
1	DC 5V	5V/2A DC power input. Only use one power source, either from DC or from 802.3af/at PoE+ Ethernet switch.
2	Ethernet (PoE)	<ul style="list-style-type: none"> <li>● Connect to a LAN Switch. IGMP snooping and Jumbo Frame supported Gigabit IEEE 802.3af/at PoE+ Ethernet switch is recommended.</li> <li>● LED:               <ol style="list-style-type: none"> <li>1. LAN LED (<b>green</b> color): This LED will be flashing while network is accessing via Ethernet.</li> <li>2. Power LED (<b>orange</b> color): When the device is powered on, and the device is connected to Ethernet switch, the LED will be always on.</li> </ol> </li> </ul>
3	HDMI Out	HDMI Type-A female connector for video output.
4	HDMI In	HDMI Type-A female connector for connecting to the HDMI source. (Only built-in on Transmitter)
5	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.
6	RS-232	DB-9 female connector for RS-232 bi-directional remote extension.
7	Channel	Display group indication.
8	Group	Group configuration, 6-bit switch for 64 stream channel selection.
9	Reset	Power on the device and press the reset button for over one second to restore it to factory default settings.

## Installation

1. Connect the video source to the Transmitter/Sender (**IHD-210PT**) Unit's **HDMI In** interface.
2. Connect the monitor to the Receiver (**IHD-210PR**) Unit's **HDMI Out** interface.
3. Use Cat5e/6 cables (EIA/TIA 568B industry standard compliant) for connection between Transmitter/Receiver and the IEEE 802.3af/at PoE+ switch.
4. Set an **identical ID number** on DIP switch for all units of the same group.
5. Apply the proper power to all connecting devices.



### 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.

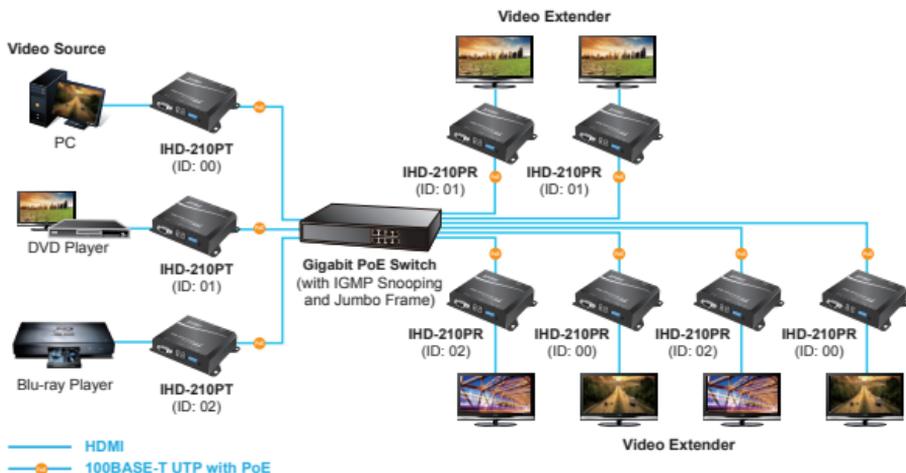
# Connection Pattern

## 1. Video Extender: Point to Point



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

## 2. Video Extender: Multicasting



### *Video Extender: Many to Many*

## Further Configuration

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

Utility	User's Manual
 A square QR code with a small globe icon in the center, located in the 'Utility' column.	 A square QR code with a small globe icon in the center, located in the 'User's Manual' column.

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](mailto:support@planet.com.tw)

*[www.PLANET.com.tw](http://www.PLANET.com.tw)*

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