



## Lumens D40E Encoder and Decoder User Guide

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### Lumens D40E Encoder and Decoder



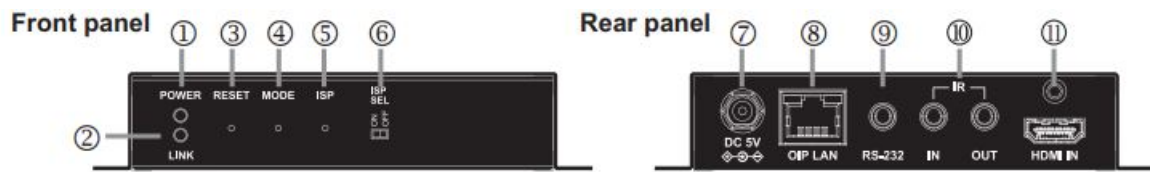
### Important

Please activate your warranty: [www.MyLumens.com/reg](http://www.MyLumens.com/reg).

To download the updated software, multilingual manuals, and Quick Start TM Guide, please visit Lumens website at: [https://www.MyLumens.com/support](http://https://www.MyLumens.com/support)

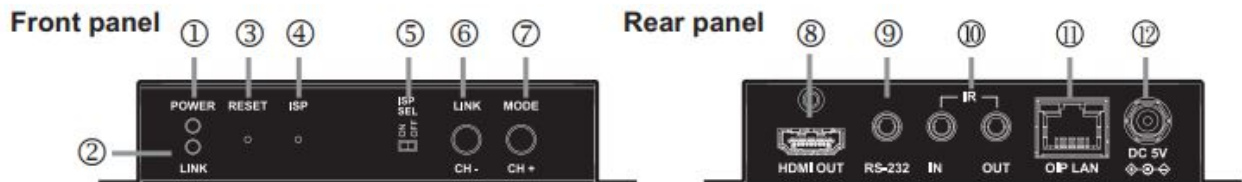
## Product Introduction

### OIP-D40E Encoder Overview



1. Power Indicator
2. Link Indicator
3. Reset Button
4. Reset Button
5. ISP Button
6. ISP SEL On/Off
7. Power Port
8. OIP Network Port
9. RS-232 Port
10. IR Input/Output
11. HDMI Onput

### OIP-D40D Decoder Overview



1. Power Indicator
2. Link Indicator
3. Reset Button
4. ISP Button
5. ISP SEL On/Off
6. Channel and Link Button
7. Channel and Mode Button
8. HDMI Output
9. RS-232 Port
10. IR Input/Output
11. OIP Network Port
12. Power Port

## Installation and Connections

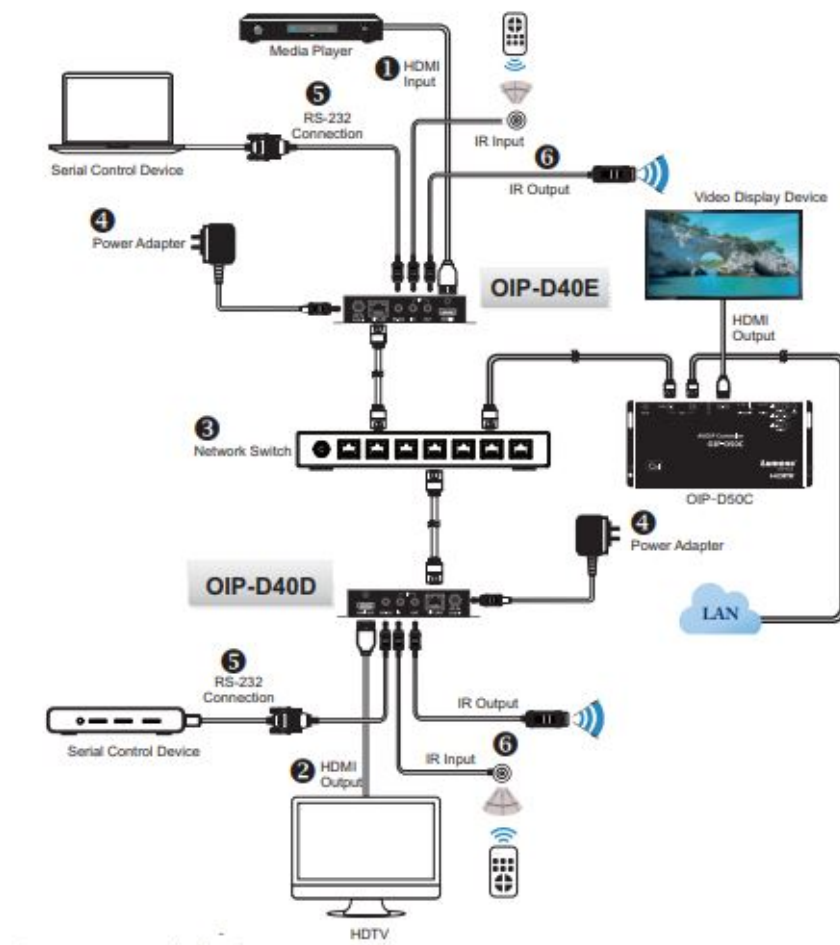
1. Use an HDMI cable to connect the video source device to the HDMI input port on the D40E encoder.

2. Use an HDMI cable to connect the video display device to the HDMI output port on the D40D decoder.
3. Use a network cable to connect the OIP network port of the D40E encoder, D40D decoder, and D50C controller to the network switch of the same domain, so that all OIP devices are in the same local area network.
4. Plug the power adapter into the power ports of D40E encoder, D40D decoder and D50C controller and connect to the power source.

Steps can complete the signal extension. You can use the WebGUI operation interface to control the video display device connected to the D50C controller. You can also connect a computer and an IR emitter/receiver.

Please follow the steps below:

5. Connect a computer, laptop or control device to the RS-232 port to extend the RS-232 signal.
6. Connect the IR emitter/receiver to the D40E encoder and D40E decoder to receive infrared signals from the remote control, and use the remote control to control the controlled device.



## Control Methods

1. The WebGUI interface will be displayed on the video display device connected to the D50C controller. You can connect a keyboard and mouse to the D50C controller to perform control and setting on the WebGUI interface.
2. Open the web browser and enter the IP address corresponding to the CTRL network port of the D50C controller to control it on the web page.

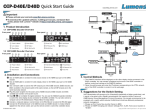
## Suggestions for the Switch Setting

VoIP transmission will consume a lot of bandwidth (especially at higher resolutions), and it needs to be paired with a Gigabit networkswitch that supports Jumbo Frame and IGMP(Internet Group Management Protocol)

Snooping. It is strongly recommended to be equipped with a switch which includes VLAN(Virtual Local Area Network) professional network management.

1. Please set Port Frame Size (Jumbo Frame) to 8000.
2. Please set IGMP Snooping and relevant settings (Port, VLAN, Fast Leave, Querier) "Enable".

## Documents / Resources

	<a href="#">Lumens D40E Encoder and Decoder</a> [pdf] User Guide D40E, D40D, Encoder and Decoder
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[Manuals+](#).