SERVERLINK

HDMI Daisy Chain Extender over Cat 5 up to 100m

SL-HX-100TX   **SL-HX-100RX**

SL-TX-100SP

INTRODUCTION

The ServerLink HDMI Daisy Chain extender over Cat 5 allows you to extend your HDMI signal up to 100 metres away using standard Cat 5e or Cat 6 cabling.

To extend your Full HD video up to 100 metres away, simply connect an SL-HX-100TX transmitter unit directly to an SL-HX-100RX receiver unit using just a single Cat 5e or Cat 6 cable. To add more displays, simply add an SL-HX-100SP splitter/repeater. The splitter/repeater has one RJ45 Cat 5 in port and two RJ45 Cat 5 out ports, allowing tree-chaining of up to 96 displays. Each tree-chain segment can extend the HDMI signal another 100 metres providing ultra flexibility and scalability.

INSTALLATION

1. Power on the transmitter (SL-HX-100TX) by plugging in the power adapter.

If you are not using a splitter, please skip steps 2 ~ 5

2. Connect the splitter (SL-HX-100SP) to the transmitter by connecting the *CAT5 IN* Port of the splitter to the *CAT5 OUT* port of the transmitter using a standard Cat 5 cable (see below image).

● CAT5 OUT   ● CAT5 IN
Transmitter   **Splitter**

3. If you have more than one splitter for multiple tree-chaining, connect either of the two *CAT5 OUT* ports of the first splitter to the *CAT5 IN* port of the second splitter using a Cat 5 cable (please see below image).

● CAT5 OUT   ● CAT5 IN
First Splitter   **Second Splitter**

4. Power on each splitter by plugging in its power adapter.

5. Connect monitor(s) to splitter(s) by connecting each monitor to the *HDMI OUT* port of each splitter using an HDMI cable (see below image). Power on each monitor.

● HDMI OUT
(Connect to HDMI monitor)
Splitter

Note: SL-HX-100TX / RX / SP has a built-in default **EDID** (Extended Display Identification Data). When a monitor connects to a splitter or receiver, it will display the extender's default resolution of 1920 x 1080.

To read and store the monitor's EDID, press the *EDID READ* button (see below image) on the splitter or receiver. Once pressed, the monitor's EDID is stored in the transmitter unit.

●EDID Read Button   ●EDID Read Button
Splitter   **Receiver**

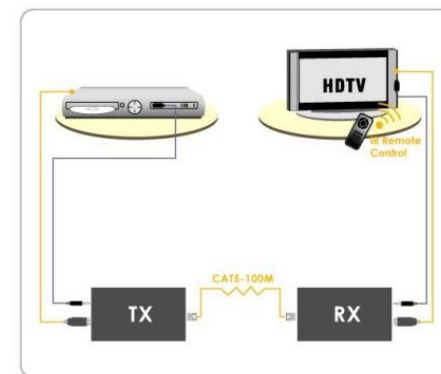If you are not using a receiver, please skip steps 6 ~ 8

6. Connect the receiver(s) (SL-HX100-RX) to the transmitter or splitter by connecting the *CAT5 IN* port of the receiver to the *CAT5 OUT* port of the transmitter or splitter using a Cat 5 cable. A splitter has two *CAT5 OUT* ports which can connect up to two receivers.

Note: The splitter can also act as a receiver with the capability of connecting one monitor. Therefore a transmitter can connect directly to a receiver as a complete extender set to extend your Full HD display up to 100 metres away.
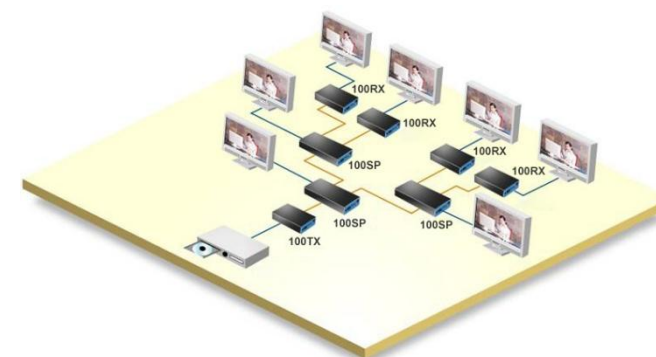
7. Power on each receiver by plugging in its power adapter.

8. Connect monitor(s) to receiver(s) by connecting each monitor to the *HDMI OUT* port of each receiver using an HDMI cable (see below image). Power on each monitor.

● HDMI OUT
(Connect to HDMI monitor)
Receiver

9. Connect the transmitter to the HDMI source using an HDMI cable.

10. Power on the HDMI source to enjoy your Full HD experience.

Connection Diagram of Transmitter / Receiver

Connection Diagram of Transmitter / Splitter / Receiver

FC C€ ✔N2871 **RoHS Compliant**

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