



This unit is part of a 4K UHD Multi-Function Extension system that allows you to extend HDMI signal along with KVM using the TCP/IP protocol over regular Cat.5e/6/7 network cable. This extender supports the transmission of Ultra High-Definition signals (up to 4K@30Hz YUV 4:4:4 or 4K@60Hz YUV 4:2:0) with audio and USB up to 100m on a single cable. The transmission distance can be further extended (up to 100m per segment) by using gigabit network switches, allowing the user to cascade the system without signal loss or introducing delay. It is also possible to have the extension system's Transmitter operate in multicast mode, allowing you to send a single AV signal to a large number of Receivers within the same local network. It is useful for user to create large multi-display video walls with amazing simplicity.

### PANELS



### FEATURES

- Video, audio and control transmission over TCP/IP in Unicast (point-to-point) or Multicast (single-to-many) modes
- Support with 0°、180°、270° increments rotation
- The analog Line In on the Transmitter sends audio directly to the analog Line Out and is inserted into the HDMI output on connected Receivers
- The Mic In on the Receiver sends audio directly to the analog Line Out on the Transmitter
- Both Tx and Rx may be powered directly by PoE when connected to a Gigabit Ethernet switch that provides PoE (802.3af)
- Supports USB keyboard, mouse and storage extension and IR ,RS-232 bypass
- Unit can be controlled via WebGUI, Telnet, and front panel controls
- Supports Key Control (show me function), can connect key pad through popular RJ-45 connector (key pad is optional)

### SPECIFICATIONS

#### Interfaces

<b>Input Port</b>	1xHDMI (Type-A) 1xUnbalanced Stereo (3.5mm)
<b>Output Port</b>	1xLAN(RJ-45) 1xUnbalanced Stereo (3.5mm)
<b>Control I/O</b>	1xUSB Type-B 1xIR Extender [3.5mm] 1xIR Blaster [3.5mm] 1xRS232 2xControl button(RJ-45)

#### Video

<b>HDMI Compliance</b>	HDMI 2.0 (DVI 1.0)
<b>HDCP Compliance</b>	HDCP 2.2
<b>Input Signal Type</b>	4K@60 8bit YUV 4:2:0
<b>Output Signal Type</b>	4K@60 8bit YUV 4:2:0

#### Resolutions

<b>Maximum Input</b>	HDMI	4096×2160p@60 (YUV 4:2:0)
<b>Maximum Output</b>	LAN	4096×2160p@30

#### Audio

<b>Input Signal Types</b>	HDMI, Unbalanced Stereo
<b>Output Signal Types</b>	Unbalanced Stereo
<b>Digital Formats</b>	HDMI 2CH LPCM, 8CH LPCM, Standard Bitstream

#### Power

<b>Power Supply</b>	5V/ 2.6A
<b>Power Consumption</b>	7.15W (Full load)

#### Enclosure

<b>Chassis Material</b>	Metal(Steel)
<b>Chassis Color</b>	Black
<b>Dimensions (W×H×D)</b>	231.5mm×25mm×108mm [Case Only] 231.5mm×25mm×120mm [All Inclusive]
<b>Weight</b>	660g

#### Field Firmware Update

WebGUI

### ORDERING INFORMATION

Model No.	Product Description
<b>CH-U353HTX</b>	UHD Video over IP Tx
<b>CH-U350HTX</b>	HDMI over IP Transmitter with USB/KVM Extension
<b>CDPS-CS7</b>	IP Master Controller
<b>ADP-0274AEG210C</b>	Switching Power Supply 5VDC/2.6A
<b>CBL-IR10C3SA200</b>	3.5φIR cable L:200cm 30-50KHz
<b>CBL-E3.5IF-20A</b>	3.5φIR cable(Blaster) 2725#28 L:200cm
<b>TML-F7353-03</b>	RS232 3-pin terminal block
<b>CBL-MPBCAT-10</b>	Key in cable (1M)
<b>CH-U331RX</b>	HDMI/VGA over IP Receiver with USB/KVM Extension

### DIAGRAM

