

**HDMI 1x3 HDBase-T over HDMI
& CAT5e/6/7 with RS232/LAN/IR
Transmitter # 15193**



Operation Manual

Introduction

HDMI 1x3 HDBase-T over HDMI & CAT5e/6/7 with RS232/LAN/IR Transmitter can supports resolutions up to 1080p Full HD, Deep Color and 4Kx2K timing, 3D and multichannel digital audio formats such as LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD from Hi-Def sources to one HDTV and CAT5e/6/7 outputs.

This transmitter has the ability to provide you with 1 HDMI and 2 CAT5e/6/7 outputs where the HDMI can be connected to HDMI display for instant display or cascading with another transmitter and the CAT5e/6/7 can be connected to CAT5e/6/7 to HDMI receivers for distance up to 100 meters.

Features

- HDMI v1.4 with 3D & 4Kx2K support, HDCP and DVI compliant
- HDMI and CAT5e/6/7 output signal simultaneously
- Supports Deep Color up to 1080p 36-bit
- Supports wide range PC resolution from VGA to WUXGA and HDTV resolutions 480i/p up to 4Kx2K
- Supports LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission (32-192kHz Fs sample rate)
- Supports distances up to 100 meters through CAT5e/6/7 cables
- Supports PoE with capable receiver units

Applications

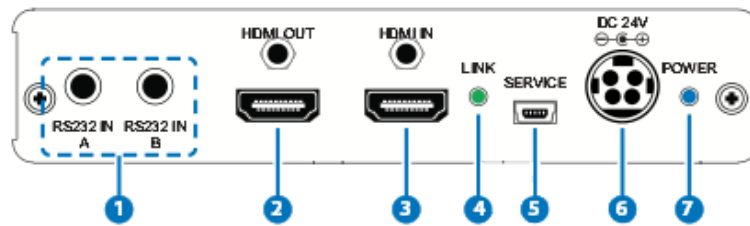
- Household entertainment sharing and control
- Lecture room display and control
- Showroom display and control
- Meeting room presentation and control
- Classroom display and control

System Requirements

- Source equipment with HDMI output connector
- Display TV/monitor with HDMI input connector
- HDMI over CAT5e/6/7 receivers with industry CAT5e/6/7 cables



Operation Controls and Functions



1. RS232 IN A/B

Connect to a PC/laptop or RS-232 enabled device (with supplied 3.5mm phone jack to D-Sub 9 pin adaptor) for the transmission of RS-232 commands.

2. HDMI OUT

Connect this port to display TVs/monitors.

3. HDMI IN

Connect this port to source equipment such as DVD/Blu-ray player.

4. LINK LED

This LED will illuminate when the receivers connected to source with signal display on screen.

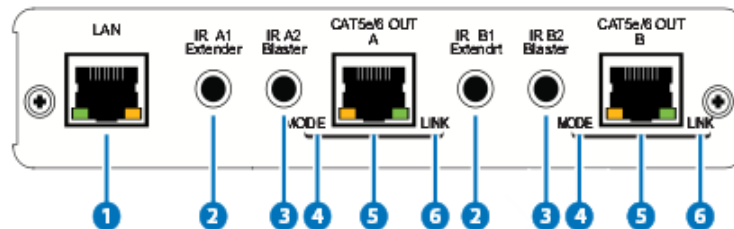
5. SERVICE

This slot is reserved for factory service only.

6. DC 24V & POWER LED

Plug the 24V DC power supply into the unit and connect the adaptor to an AC outlet, the device will be power on automatically once the power supply is connected the LED will illuminate

Back Panel



1. LAN

Connect to an internet or network connection.

2. IR Extender

Connect to the IR extender for IR signal reception of the remote control of this device or the source and display equipment. Ensure that remote being used is within the direct line-of-sight of the IR extender for it will send out the signal to designate receiver's IR output port.

3. IR Blaster

Connect to the IR blasters for IR signal transmission. Place the IR blaster in direct line-of-sight of the equipment to be controlled for it will blaster out the IR signal received from the IR Digital Eye.

4. MODE LED

When the device is power on the LED will flash.

5. CAT5e/6 OUT A & B

Connect these ports to HDMI to CAT5e/6/7 receivers (with or without PoE function) with CAT5e/6/7 cable to extend the signal up to 100m.

6. LINK LED

When the device is power on and this slot is connected from receiver device with CAT5e/6/7 cable the LED will illuminate.

Specifications

Video Bandwidth	300Mbps/10.2Gbps
Input port	1 x Female HDMI type A, 2 x 3.5mm RS232, 2 x IR Digital Eyes, 1 x LAN (Ethernet), 1 x USB (Service Only)
Output port	1 x HDMI, 2 x CAT5e/6/7, 2 x IR Emitters
Resolution	Up to 4Kx2K
Power Supply	24V/2.7A DC (US/EU standards, CE/FCC/UL certified)
Dimensions	145mm x 178mm x 30mm
Weight	528g
Chassis Material	Aluminum
Silkscreen Color	Black
ESD Protection	Human body model: ±8kV (air-gap discharge) ±4kV (contact discharge)
Operating Temperature	0° C ~ 40° C / 32° F ~ 104° F
Storage Temperature	-20° C ~ 60° C / -4° F ~ 140° F
Relative Humidity	20 ~ 90% RH (non-condensing)
Power Consumption	23.1W

Connection Diagram

