

# HDMI to CAT6 Transmitter

- ID# 788



**Operation Manual**

## Introduction

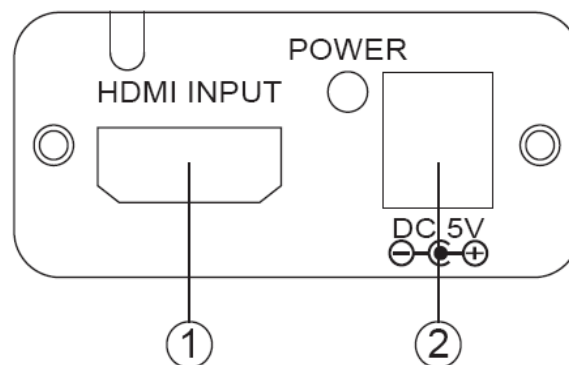
This is the transmitter (Tx) unit of HDMI to CAT6 Solution that can extend HDMI digital signal through CAT-6 cables. This is compatible with HDMI v1.3 specifications, a cutting-edge technology which defines the supports to transfer Deep Color (12 bits/color) video and new lossless compressed (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio) Digital audio, with a bandwidth up to 225MHz. The installation of HDMI to CAT6 is easy and quick, simply place transmitter side next to your HDTV source such as a DVD player, then place the receiver side next to your CAT 6 to CAT6 repeater unit and get all necessary cables connected and enjoy.

## Features

- HDMI 1.3, HDCP 1.1 and DVI1.1 Compliant.
- Supports digital video formats in Deep Color Mode at up to 36 bits (12bits/color) and new lossless compressed (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio) Digital audio .
- Supports CAT-6 cables for data/DDC transmission.
- Supports equalize and recover incoming TMDS data before re-transmitting them with optimal quality regardless of the incoming signal quality.
- Supports high definition resolution, the cable distance test with 1080p/8bits resolution the Input/Output source can run up to 30/45 meters. If 1080p/12bits resolution the Input/Output source can run up to 15/15 meters.
- Supports CEC bypass.
- Supports xvYCC.

## Operation Controls and Functions

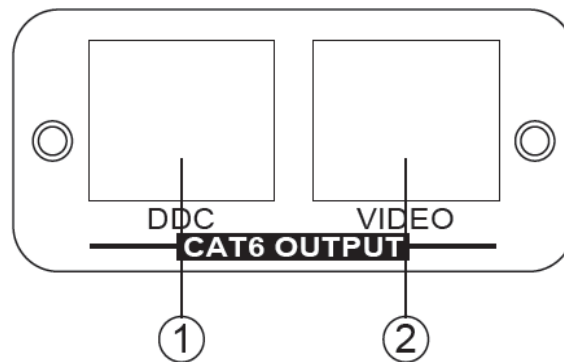
### Front Panel



**1. HDMI input:** Connect the HDMI input port to the HDMI or DVI output of your source equipment such as DVD player or set-top-box.

**2. Power:** Plug the 5VDC power supply into the unit and connect the adaptor to AC wall outlet.

## Rear Panel



**1. DDC output:** Connect the DDC output to the DDC input of the receiver unit using CAT-6 cable.

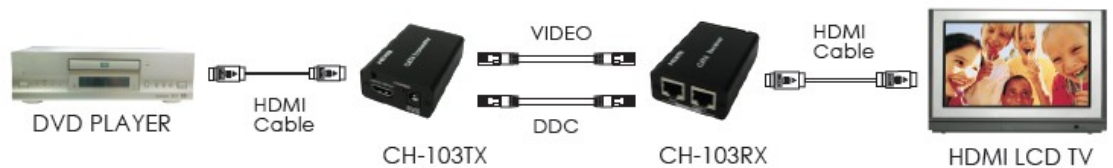
**2. Video output:** Connect the video output to the video input of the receiver unit using CAT-6 cable.

**Note: A.** Cable tested with CAT-6E / 23AWG / Solid and therefore, cable with different specification may result in different distance.

**B.** Cable distance tested with equipment PS3 20G, 37" Philips 8 bit LCD TV and 37" SamSung 12 bit LCD TV.

**C.** Figures provided in this manual are reference figures only, actual figures may depend on source and display use with cable specification.

## Installation and Connection



## Specifications

<b>Input Ports</b>	1 x HDMI
<b>Output Port</b>	1 x CAT-6 input for Video, 1 x CAT6 input for DDC
<b>Power Supply</b>	5V/2.6A DC (US/EU standards, CE/FCC/UL certified)
<b>Dimensions (mm)</b>	50(W) x 62(D) x 23(H)
<b>Weight(g)</b>	90
<b>Chassis Material</b>	Aluminum
<b>Silkscreen Color</b>	Black
<b>Operating Temperature</b>	0°C ~ 40°C