

CH-1103TX **HDMI v1.3 to** **CAT6 Transmitter**

Operation Manual



CH-1103TX

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1. 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 to HDMI v1.3 specifications, a cutting-age technology which defines the support 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.

2. Main Features

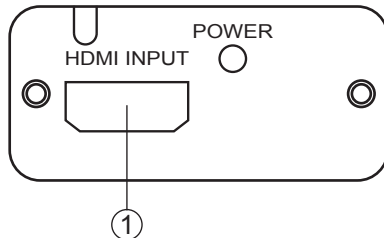
- Compliant with HDMI 1.3, HDCP 1.1 and DVI1.1 standards.
- Supports digital video formats in Deep Color Mode at up to 36 bits (12bits/color) and new lossless compressed (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio) Digital audio .
- Supports CAT-6 cables for data/DDC transmission.
- Supports 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.
- Without power supply. (Need to connect with our HDMI series product, otherwise this feature will not guarantee.)
- Support CEC bypass.
- Support xvYCC.

3. Package Contents

- HDMI to CAT6 Transmitter.
- Operation Manual.

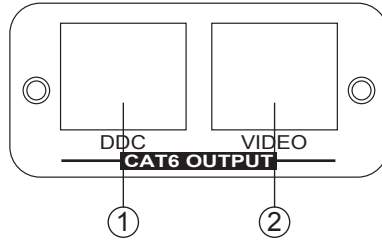
4. Operation Controls and Functions

4.1. Front Panel



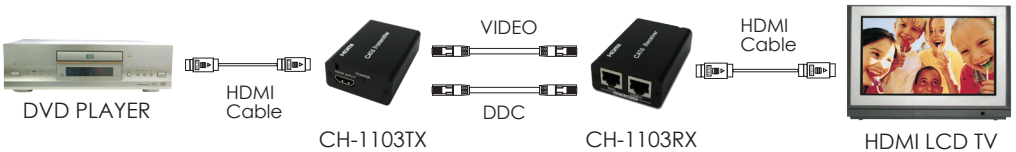
- ① HDMI input: Connect the HDMI input port to the HDMI or DVI output of your source equipment such as DVD player or set-top-box.

4.2. 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.

5. Connection and Installation



6. Specifications

Input port	1 x HDMI
Output ports	1 x CAT-6 output for Video, 1 x CAT-6 output for DDC
Dimensions (mm)	50(W) x 62(D) x 23(H)
Weight(g)	90
Chassis Material	Aluminum
SilkScreen Color	Black
Operating Temperature	0°C ~ 40°C