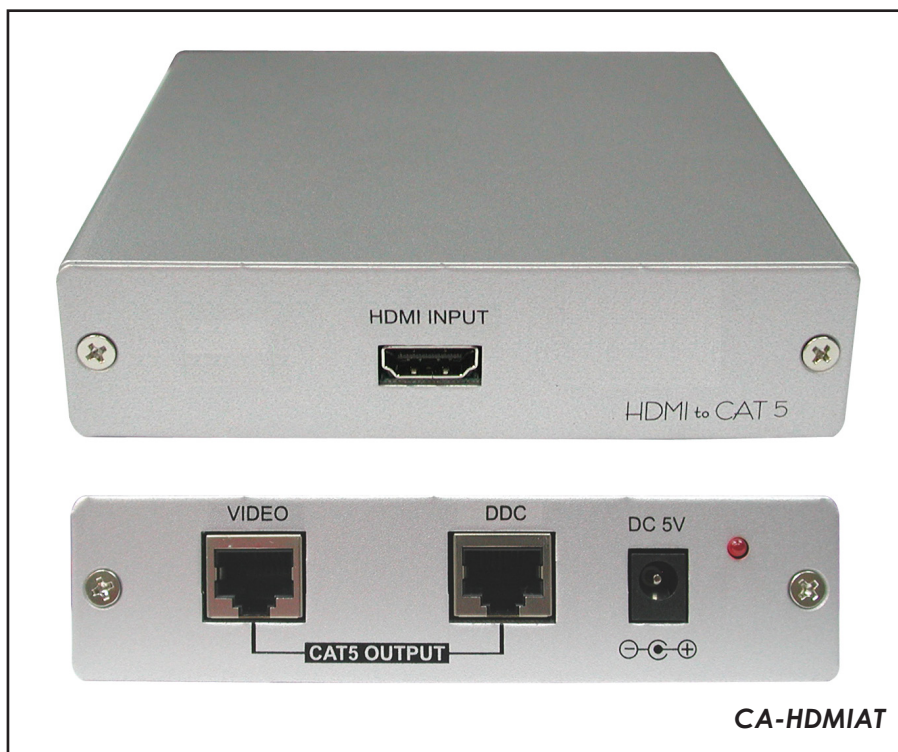


HDMI Over CAT5 Transmitter

Operation Manual



• **Disclaimers**

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Version 1.0 December 2010

• **Trademark Acknowledgments**

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• **Safety Precautions**

Please read all instructions before attempting to unpack or install or operate this equipment, and before connecting the power supply. Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this product through module openings or empty slots, as you may damage parts.
- Do not attach the power supply cabling to building surfaces.
- Do not allow anything to rest on the power cabling or allow it to be abused by persons walking on it.
- To protect the equipment from overheating, do not block the slots and openings in the module housing that provide ventilation.

• **Revision History**

| <i>Version No</i> | <i>Date</i> | <i>Summary of Change</i> |
|--------------------------|------------------------|------------------------------------|
| <i>VS1</i> | <i>20101201</i> | <i>Add HDCP Description</i> |

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1. Introduction

This is the transmitter (Tx) unit of HDMI over CAT5 Tx/Rx solution, depends on the type of receiver (Rx) unit used, this HDMI over CAT5 transmitter can extend HDMI signal through CAT-5 cables for a distance up to 50/100/150/250 meters.

The installation of HDMI Over CAT5 is easy and quick, simply place transmitter next to your HDTV source such as a DVD player, then place the receiver unit next to your display, and get all necessary cables connected to complete and enjoy.

2. Features

- Compliant with HDMI 1.2, and DVI 1.0 specifications
- Supports CAT-5/CAT-5E/CAT-6 cables of variable types
- Supports high definition input up to 1080P, output resolution follows input
- Easy to install and simple to operate
- Easy to install and simple to operate
- Not compatible with HDCP Source

Notes: This product does not process HDCP input. When receiving content that has HDCP encryption there will be no video output.

3. Package Contents

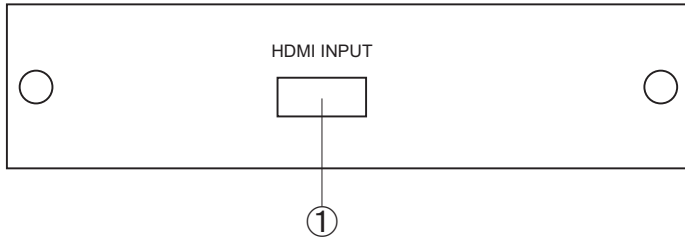
- HDMI Over CAT5 Transmitter
- 5VDC Power Supply Adaptor
- Operation Manual

4. Specifications

| | |
|-----------------------|---|
| Supported resolutions | HDMI - 480i/480p, 576i/576p, 720P@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz |
| Input | 1 x HDMI female port |
| Output | 1 x CAT-5 output for VIDEO, 1 x CAT-5 output for DDC |
| Power | 5V / 2.6A DC power supply |
| Dimensions | 123(W) x 125(D) x 30(H)mm |
| Weight | 700g |

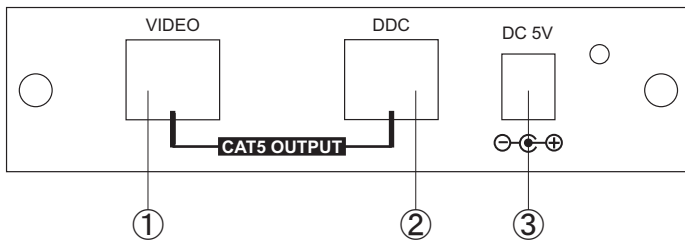
5. Operation Controls and Functions

5.1 Front Panel



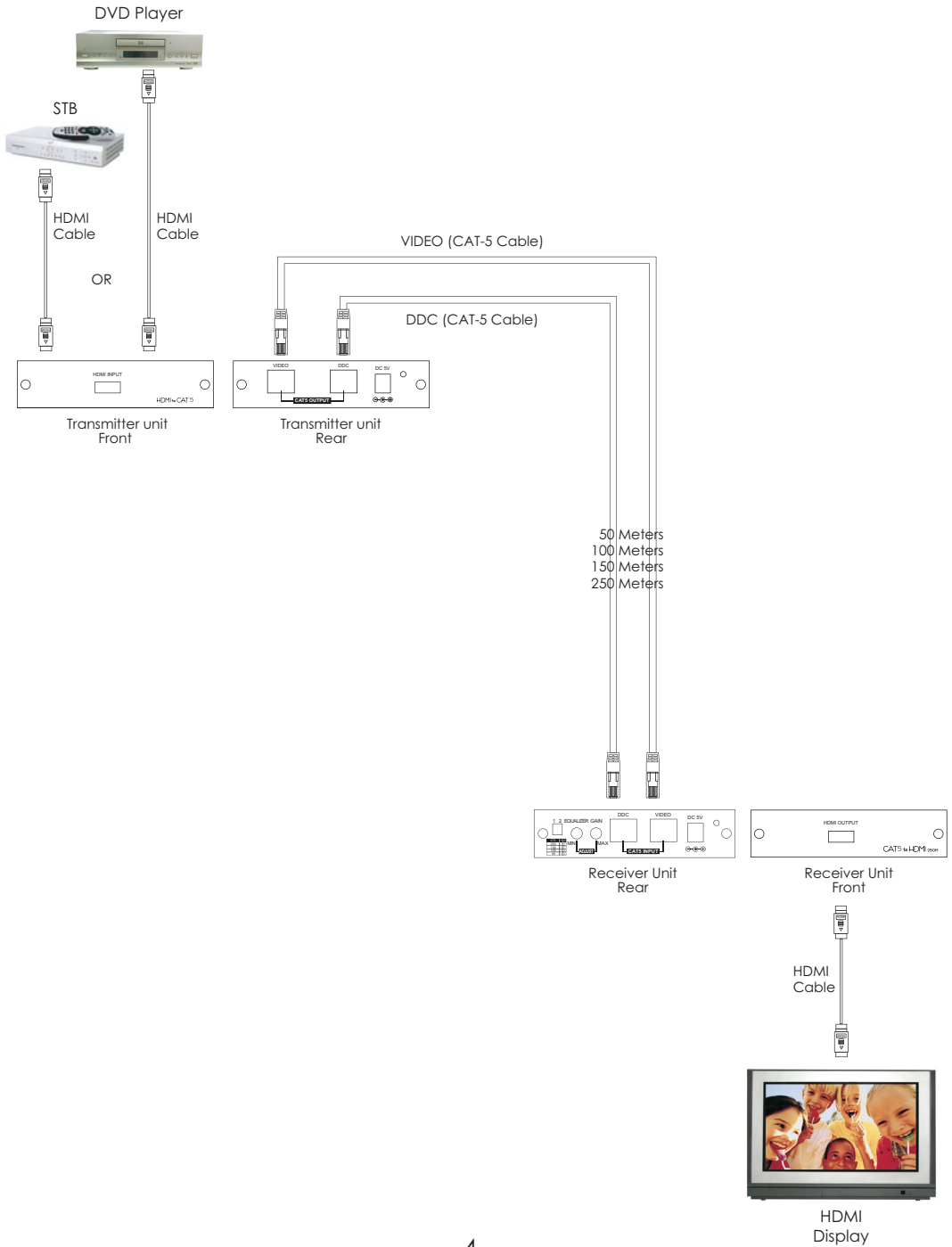
- ① HDMI INPUT: Connect the HDMI input port to the HDMI or DVI output of your source equipment such as DVD player or set-top-box.

5.2 Rear Panel



- ① VIDEO OUTPUT: Connect the VIDEO output to the VIDEO input of the receiver unit using CAT-5/CAT-5E/CAT-6 cable.
- ② DDC OUTPUT: Connect the DDC output to the DDC input of the receiver unit using CAT-5/CAT-5E/CAT-6 cable.
- ③ Power: Plug the 5VDC power supply into the unit and connect the adaptor to AC wall outlet.

6. Connection and Installation



Acronyms



Acronym

Complete Term

Cypress HDMI Over CAT5 Series:

| Product | Description |
|--------------|---------------------------------------|
| CA-HDMIAT | HDMI Over CAT5 Transmitter |
| CA-HDMI 50R | HDMI Over CAT5 Receiver at 50 meters |
| CA-HDMI 100R | HDMI Over CAT5 Receiver at 100 meters |
| CA-HDMI 150R | HDMI Over CAT5 Receiver at 150 meters |
| CA-HDMI 250R | HDMI Over CAT5 Receiver at 250 meters |

