



# HDMI over Single Coax Extender

## Quick Installation Guide

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### Introduction

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The *HDMI over Single Coax Extender* will extend HDMI 1.3 signals over one coaxial cable.

### Key Features and Benefits

- Extends HDMI video/audio transmission over a coaxial cable
- Supports 7.1-channel audio & digital stereo audio
- Supports 1080p at 24-bit color depth up to 180ft

### Package Contents

- *HDMI over Single Coax Extender* kit (Tx & Rx units)
- 2x Power adapters
- Quick installation guide

# Layout

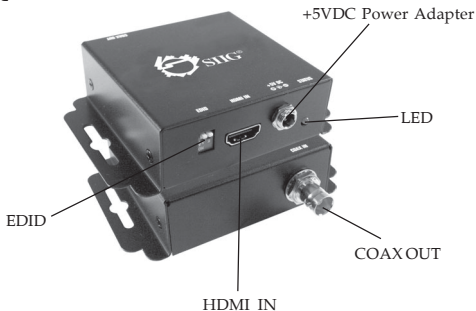



Figure 1: Transmitter (front & back)


- **EDID**
  - Pin #1 (OFF) / Pin #2 (OFF) = 3G /HD / SC-SDI with multi-channel audio except DTS-HD Master & Dolby TrueHD
  - Pin #1 (OFF) / Pin #2 (ON) = 3G/HD/SD-SDI with stereo PCM audio
  - Pin #1 (ON) / Pin #2 (OFF) = HD/SD-SDI with stereo PCM audio
  - Pin #1 (ON) / Pin #2 (ON) = EDID Learning Mode\*
  - Pin #1 (OFF) / Pin #2 (OFF) = Factory Default

- **HDMI IN:** Connect to a HDMI source device with a HDMI M-M cable here.  
**+5V DC:** Connect to a 5V DC power supply unit.
- **LED:** Yellow-green light means video in 3G mode. Orange light means video in SD/HD mode.
- **COAX OUT:** Connect to a high standard coaxial cable.

**\*Note:** If the default EDID setting doesn't work with your display, see **EDID Learning** on page 6 for instructions.

## Dip Switches

ON = 

OFF = 

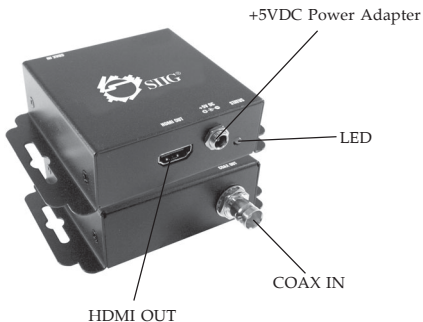


Figure 2: Receiver (front & back)

- **COAX IN:** Connect to a high standard coaxial cable.
- **HDMI OUT:** Connect to a HDMI display with a HDMI male-male cable here
- **+5V DC:** Connect to a 5V DC power supply unit.
- **LED:** Yellow-green light means video in 3G mode. Orange light means video in SD/HD mode.

## Hardware Installation

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1. Power off all devices, including the source HDMI device and display.
2. Connect your HDMI source (such as a Blu-ray player) to the transmitter's **HDMI IN** connector.
3. Connect your HDMI display (such as a LCD TV) to the receiver's **HDMI OUT** connector.
4. Connect your Coax cable between the transmitter and receiver.
5. Make sure your Coax cable is securely connected and not loose.
6. Plug one of the included power adapters into the **+5V DC** power jack of the transmitter, plug the second power adapter into the **+5V DC** power jack of the receiver, then plug both power adapters into a reliable power source.

## EDID Learning

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EDID is used to transmit the make, model and characteristics of a monitor to the display adapter in the computer. It also used by an HDTV to identify it's maximum resolution to the DVD player, A/V receiver or video processor.

1. Power off the transmitter, see **Figure 1**. Disconnect the coaxial cable between the receiver and transmitter.
2. Connect an HDMI cable from the **HDMI IN** connector to the display's HDMI connector. *Do not connect the HDMI source device at this time.*
3. Set the **EDID** on the transmitter at ON-ON.
4. Power on the transmitter. The LED on the **Transmitter** see **Figure 2**, will turn on, which indicates the EDID learning process is finished.
5. Do not change the dip switch. If done so, the built in EDID learning will lost all information and will have to start over again.

# Technical Support and Warranty

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**QUESTIONS?** SIIG's **Online Support** has answers! Simply visit our web site at [www.siig.com](http://www.siig.com) and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 3-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for three (3) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

- A) If it is within the store's return policy period, please return the product to the store where you purchased from.
- B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

**Step 1:** Submit your RMA request.

Go to [www.siig.com](http://www.siig.com), click **Support**, then **RMA** to submit a request to **SIIG RMA** or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

**Step 2:** After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:  
**SIIG, Inc.**  
**6078 Stewart Avenue**  
**Fremont, CA 94538-3152, USA**  
**RMA #: \_\_\_\_\_**
- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

## About SIIG, Inc.

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Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/ Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

### **PRODUCT NAME**

HDMI over Single Coax Extender

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B  
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

### **FCC COMPLIANCE STATEMENT:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE**

SIIG, Inc.

6078 Stewart Avenue

Fremont, CA 94538-3152, USA

Phone: 510-657-8688

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