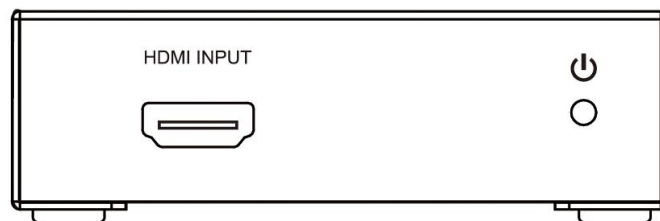
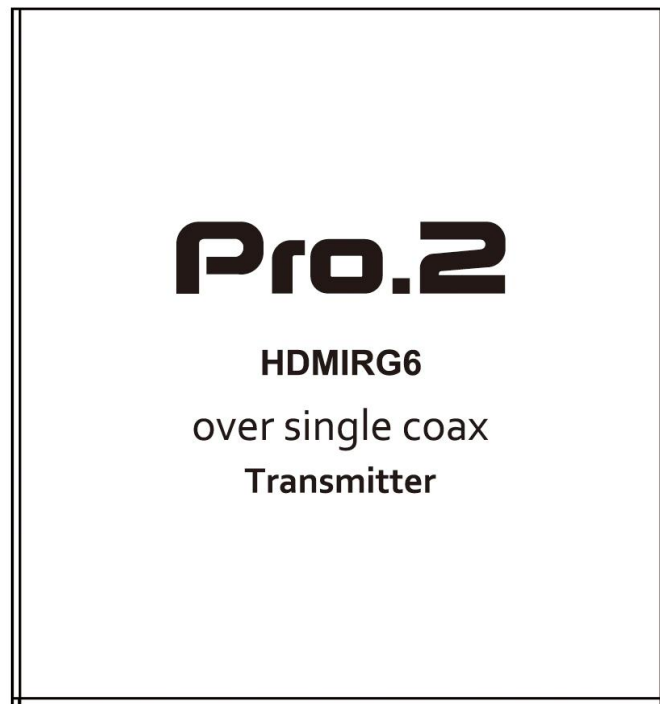
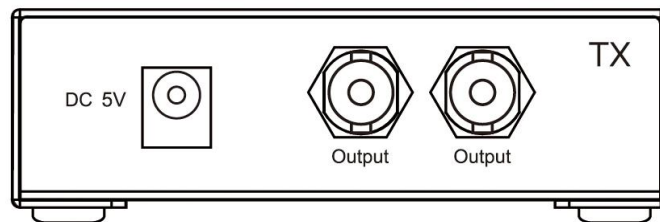


HDMIRG6

HDMI OVER SINGLE COAX

Transmitter

User Manual



CONTENTS

- 1 Introduction
- 2 Features
- 3 Transmitter Unit Panel Layout
- 4 Transmitter Unit Panel Descriptions
- 5 Connecting and Operating the HDMI Over Coax Extender
- 6 Specifications

INTRODUCTION

The HDMIRG6 Transmitter

The HDMIRG6 sends HDMI signals Over just one 75Ohm Coaxial cable - up to 400 feet away. The HDMIRG6 supports HDMI 1.2 and the newer HDMI 1.3 with features such as Deep Color and 1080p . DVI-D Computer video can also be transmitted with a DVI-to-HDMI cable

By using standard and widely available 75Ohm RG-6U cables, the HDMIRG6 makes HDMI signal extensions easier than with heavy and expensive copper cables and more robust than with optical fiber.

How it connects

The HDMIRG6 system consists of a Transmitter and a Receiver. The HDMI source (set-top box, DVD player, or gaming console) connects to the sender box with the HDMI cable. The receiver box connects to the HDTV display in the same way -- up to 400 feet away. One 75Ohm RG-6U Coax cables link the transmitter and receiver. Power is applied to the transmitter and receiver with the included 5V DC power supplies. HDMI picture emerges on the HDTV display.

Note : The HDMIRG6 is HDCP compliant.

FEATURES

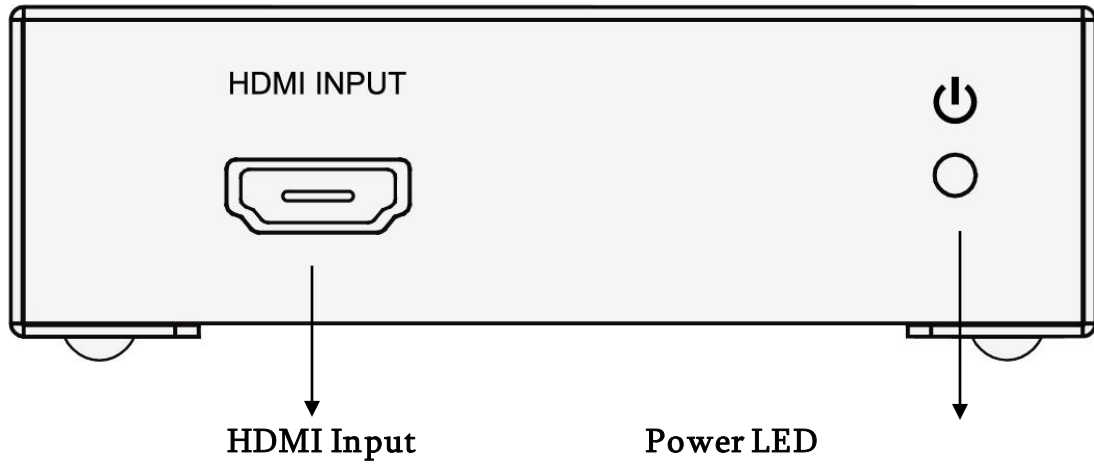
- Flexible extension of high-bandwidth HDMI 1.3 thanks to the performance and reliability of 75Ohm RG-6U Coax cable.
- Audio and video are transmitted digitally over the 75Ohm RG-6U Coax cable for zero signal loss.
- Single Link Range: 1080p/60, 12 bit color depth, 1920x1200.
- Compliant with HDMI 1.3, HDCP 1.1 and DVI1.1 standards
- Supports digital video formats in Deep Color Mode at up to 12bits/color
- Supports PCM L/R audio
- Supports Cascade function in Transmitter and Receiver and it is easy to build a network system by installer.
- Lip-Sync Pass Through
- 340 MHz (up to 12 bit YUV 444 Supported @ 1080p)
- Deep Color Supported (XV Color Supported)
- Cascade function in Transmitter and Receiver.

Package Includes

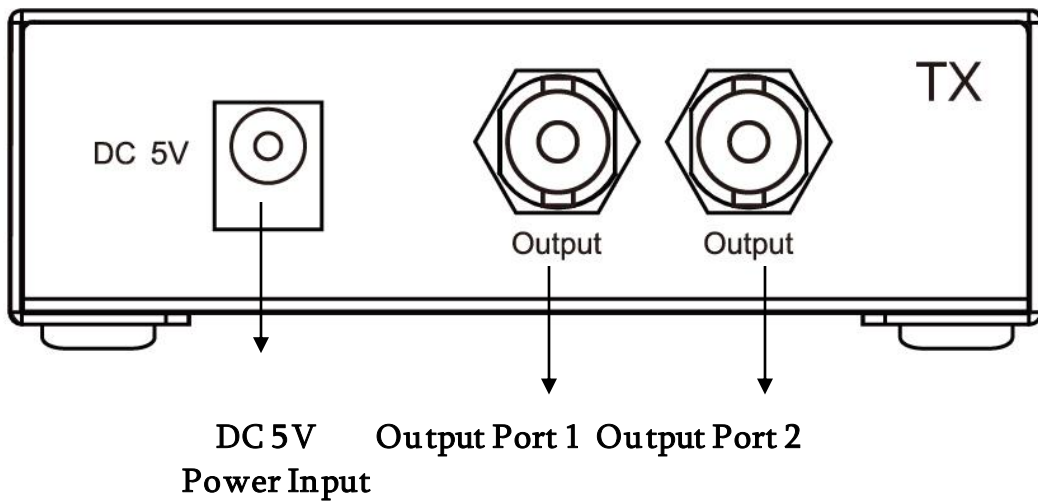
- (1) HDMIRG6 Transmitter
- (2) 5V DC Power Supply
- (3) User Manual

TRANSMITTER UNIT PANEL LAYOUT

Front Panel



Back Panel



TRANSMITTER UNIT PANEL DESCRIPTIONS

1 HDMI Input Port

Connect one HDMI sources to HDMI input port.

2 Power LED

This LED indicator will activate once the included 5V DC power adapter has been properly connected between the transmitter unit and an open wall power socket.

3 DC 5V Power Input

Connect the included 5V2.5A DC power supply to this input port.

4 Output port 1 & Output port 2

Connect a 75Ohm RG-6U Coax cable between this output port and the input port on the receiver unit.

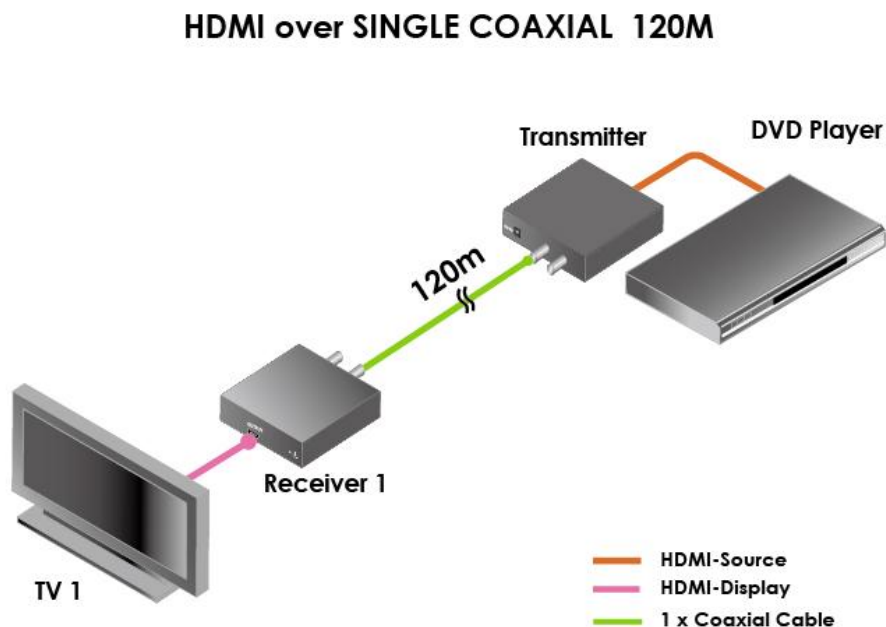
CONNECTING AND OPERATING

How to Connect the HDMIRG6

TRANSMITTER WITHOUT CASCADE FUNCTION

1. Connect the HDMI source device to the HDMI input port of HDMIRG6 transmitter unit by using the HDMI cable.
2. Connect one 75Ohm RG-6U Coax cable between the output port of transmitter and input port of receiver.
3. Connect the HDMI input port of HDTV display to the HDMI output port of HDMIRG6 receiver by using a HDMI cable.
4. Connect the included 5V DC power supplies to both transmitter and receiver units.
5. Power on the output device firstly and the source device secondly.

Please refer the following diagram

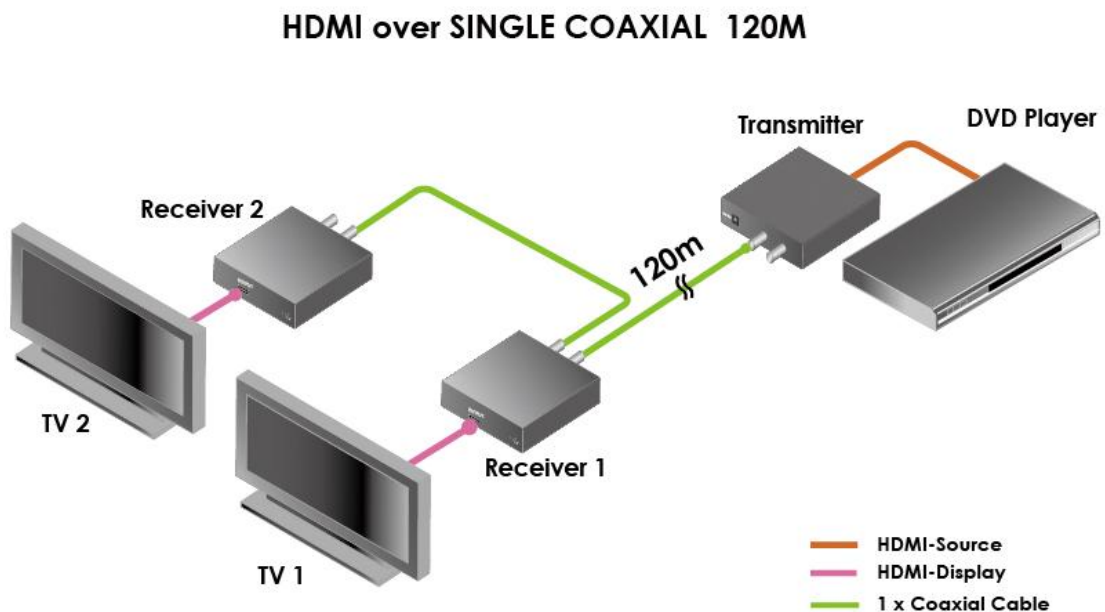


How to Connect the HDMIRG6

TRANSMITTER WITH CASCADE FUNCTION

1. Connect the HDMI source device to the HDMI input port of HDMIRG6 transmitter unit by using the HDMI cable.
2. Connect one 75Ohm RG-6U Coax cable between the output port of transmitter and input port of receiver 1
3. Connect one 75Ohm RG-6U Coax cable between the output port of receiver 1 and input port of receiver 2.
4. Connect the HDMI input port of HDTV display to the HDMI output port of HDMIRG6 receiver 1 & 2 by using HDMI cables.
5. Connect the included 5V DC power supplies to the transmitter and receiver 1 & 2 units.
6. Power on the output devices firstly and the source secondly.

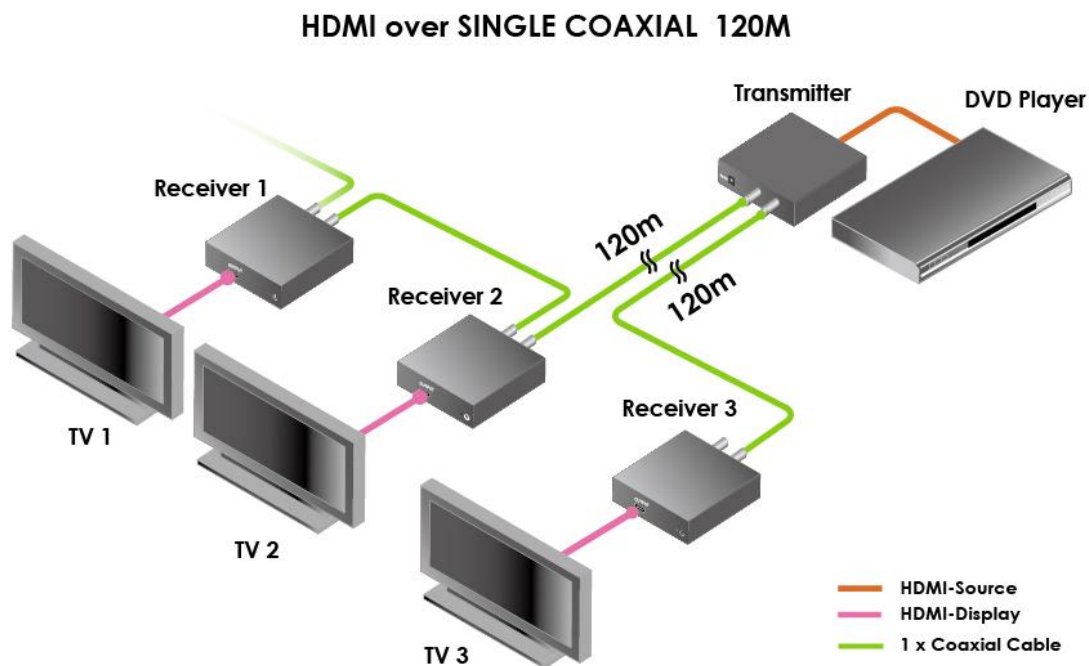
Please refer the following diagram.



TRANSMITTER WITH CASCADE FUNCTION 2

1. Connect the HDMI source device to the HDMI input port of HDMIRG6 transmitter unit by using the HDMI cable.
2. Connect one 75Ohm RG-6U Coax cable between the output port of transmitter and input port of receiver 3.
3. Connect one 75Ohm RG-6U Coax cable between the other output port of transmitter and input port of receiver 2.
4. Connect one 75Ohm RG-6U Coax cable between the output port of receiver 2 and input port of receiver 1.
5. Connect the HDMI input port of HDTV display to the HDMI output ports of HDMIRG6 receiver 1, 2 & 3 by using a HDMI cables.
6. Connect the included 5V DC power supplies to the transmitter and receiver 1, 2 & 3 units.
7. Power on the output devices firstly and the source secondly.

Please refer the following diagram



SPECIFICATIONS

PERFORMANCE	
HDTV Resolutions	480p, 720p, 1080i, 1080p
Standard TV Resolution	480i
Maximum Cable Distance	Input: 15 feet Max, Outputs: 180 feet Max
Video Bandwidth	10.2Gbps
Input Video Signal	1.2 Volts P-P
Input DDC Signal	5.0 Volts P-P
I/O CONNECTORS	
Inputs	1 BNC Jack – Output port 1 BNC Jack – Output port
Outputs	1 HDMI 19PIN Connector
MECHANICAL	
Sender	
Dimensions (H-W-D)	17.56"x4.79"x13.49"
Weight	9.2 lbs
Switching method	Cap Sensor Panel
ENVIRONMENTAL	
Operating Temperature	+0 to +40° C (+32° to 104° F)
Operating Humidity	10% to 85% (Non-condensing)
Storage Temperature	-20° to +60° (+20° to +140° F)
Storage Humidity	10% to 85% (Non-condensing)
POWER REQUIREMENTS	
External Power Supply	5VDC@2.5A
Power Consumption	5 Watts (Max.)
SAFETY	
Certificate	FCC, CE, RoHS
Power Adapter	SAA,UL, CE, CSA, CEC, RoHS
ACCESSORIES	
AC Power Adapter X 1	
Sender Instruction Manual X 1	