

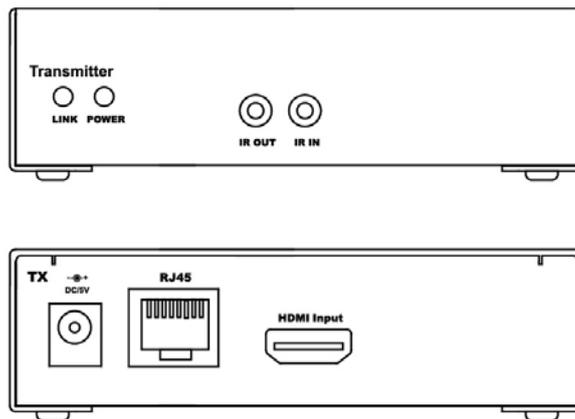
# HDMIC6PRO

## HDBaseT Extender

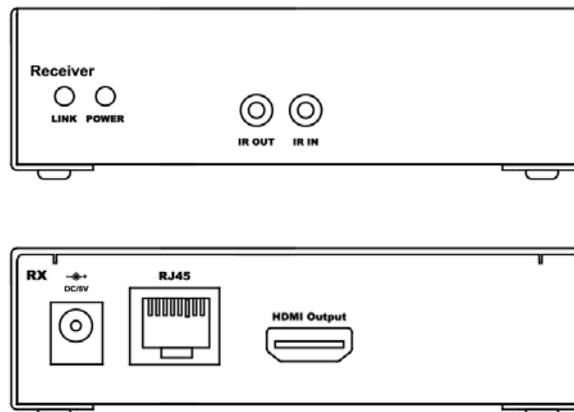
### With Bi direction IR 100M

## User Manual

### Transmitter



### Receiver



# ASKING FOR ASSISTANCE

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## Customer Care :

Telephone            1800 337 366  
Fax                    1800 659 963

## Customer Care Hours :

8:30 AM to 5:30 PM Monday thru Friday.

## Write To :

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## Notice

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# INTRODUCTION

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The HDMIC6PRO HDBaseT Extender With Bi direction IR 100M extends HDMI signals over just one 100 Ohm Cat.6 cable -- up to 100 meters away with no signal compression. This model supports Full HD 1080p resolution and 3D. DVI-D Computer video can also be transmitted with a DVI-to-HDMI cable or adaptor (Note: Audio is not included in a DVI-D signal).

By using standard and widely available 100 Ohm Cat.6 cable, this model makes HDMI signal networking easier than larger, more expensive HDMI copper cable and more robust than optical fiber cable.

## HOW IT CONNECTS

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The HDMIC6PRO HDBaseT Extender With Bi direction IR 100M package consists of a Transmitter and a Receiver. The HDMI source (set-top box, DVD/BluRay player, gaming console, etc.) connects to the Transmitter unit. The Receiver unit connects to the HDTV display in the same way. One 100 Ohm Cat.6 cable (up to 100 meters long) links the Transmitter and Receiver. Power is applied to the Transmitter and Receiver with 5V DC power supply (included). High Definition picture and Sound are then transmitted into the HDTV screen. HDMI Source Device or HDTV display can also be controlled remotely via bi-direction IR.

Note : HDMIC6PRO HDBaseT Extender With Bi direction IR 100M is HDCP 2.0 compliant.



# FEATURES

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- Audio and video are transmitted digitally over the 100Ohm Cat.6 cable with no signal loss.
- Single Link Range: 1080p/60 and 1920x1200
- Compliant with HDCP 2.0 and DVI1.1 standards
- Supports digital video formats in 480i, 480p, 720p, 1080i, 1080p
- Supports PCM 2 Ch audio, 5.1, 7.1, DTS-HD, Dolby audio format
- Supports bi-direction IR pass through function. HDMI source device (set-top box, DVD player and Blue ray DVD Player) can be controlled by IR at both Transmitter and Receiver end.

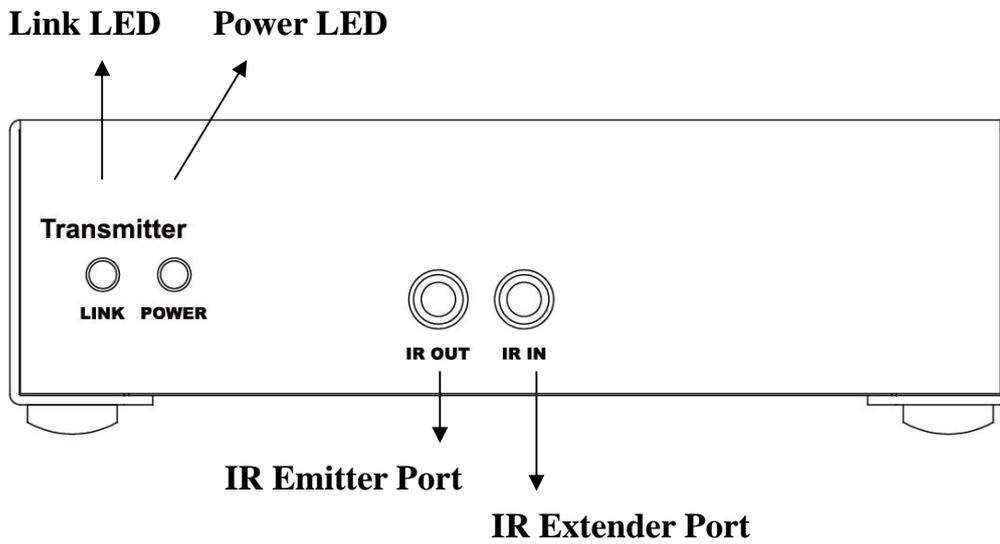
## Package Includes

- (1) 1 x Transmitter
- (2) 1 x Receiver
- (3) 2 x 5V DC Power Supply for Transmitter or Receiver
- (4) 1 x User Manual

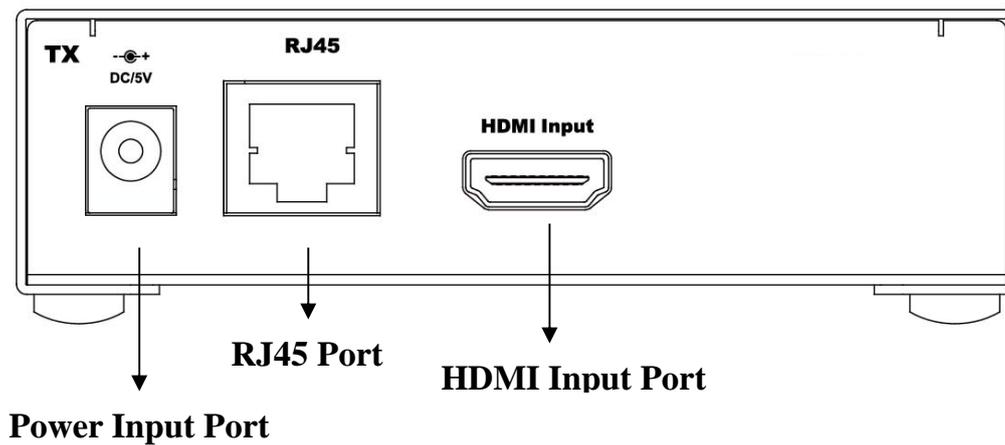
# TRANSMITTER UNIT PANEL LAYOUT

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## Front Panel



## Back Panel



# TRANSMITTER UNIT PANEL DESCRIPTION

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## 1. Link LED

This LED indicator will flash once Cat.6 cable has been properly connected between the Transmitter and Receiver unit. Once both devices are connected and powered up this LED will stop flashing and stay on to indicate successful connection between Transmitter and Receiver.

## 2. Power LED

This LED indicator will activate once the included 5V DC power adapter has been properly connected between the Transmitter unit and a power socket.

Note: the LED will blink during the initial power up time during which it is loading the device firmware.

## 3. IR Emitter Port

Insert the IR Emitter Cable to this IR port and place the connected IR emitter module on the IR Extender zone of HDMI source (set-top box, DVD player or BluRay Player).

Note: Some devices are very particular about IR emitter placement; success can be achieved by experimenting with emitter location prior to adhering the emitter to the device.

## 4. IR Extender Port

Please connect the IR Extender cable to this port. Output device can now be controlled from the location of this transmitter unit by way of its original IR remote control or a universal type IR remote control.

## 5. Power Input Port

Connect 5V DC power supply to this input port.

## 6. RJ45 Port

Connect a 100Ohm Cat.6 cable between this output port and the RJ45 input port on Receiver unit.

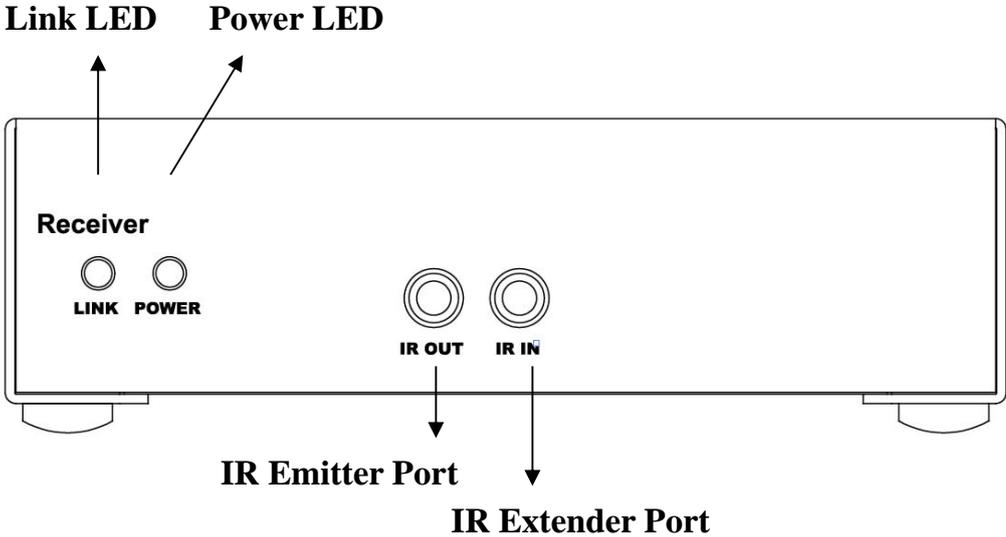
Note: For best performance, we encourage the use of Stranded CAT6A shielded cable STP (750Mhz), as a minimum though please ensure CAT6 UTP (550Mhz) cable is used or poor performance may result.

## 7. HDMI Input Port

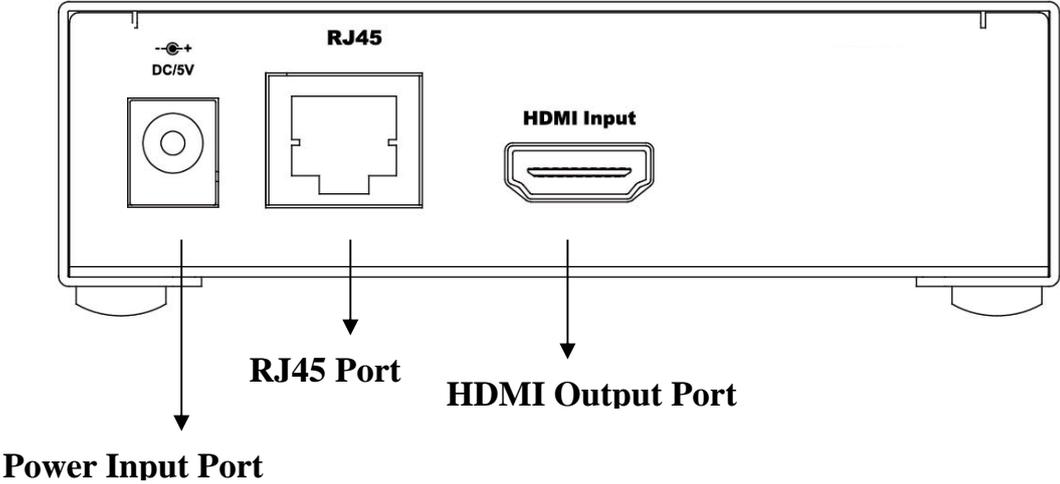
Connect one HDMI cable between this port and HDMI output port of the source device (DVD, Set-top box, blue-ray DVD)

# RECEIVER UNIT PANEL LAYOUT

## Front Panel



## Back Panel



# RECEIVER UNIT PANEL DESCRIPTION

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## 1. Link LED

This LED indicator will flash once Cat.6 cable has been properly connected between the Transmitter and Receiver unit. Once both devices are connected and powered up this LED will stop flashing and stay on to indicate successful connection between Transmitter and Receiver.

## 2. Power LED

This LED indicator will activate once the included 5V DC power adapter has been properly connected between the Receiver unit and a power socket.

Note: The LED will blink during the initial power up time during which it is loading the device firmware.

## 3. IR Emitter

Insert the IR Emitter Cable to this IR port and place the connected IR emitter module on the IR Extender zone of HDTV display.

Note: Some devices are very particular about IR emitter placement; success can be achieved by experimenting with emitter location prior to adhering the emitter to the device.

## 4. IR Extender Port

Please connect the IR Extender cable to this port. Source device can now be controlled from the location of this receiver unit by way of its original IR remote control or a universal type IR remote control.

## 5. Power Input Port

Connect 5V DC power supply to this input port.

## 6. RJ45 Port

Connect a 100Ohm Cat.6 cable between this input port and the RJ45 output port on Transmitter unit.

Note: For best performance, we encourage the use of Stranded CAT6A shielded cable STP (750Mhz), as a minimum though please ensure CAT6 UTP (550Mhz) cable is used or poor performance may result.

## 7. HDMI Output Port

Connect one HDMI cable between this output port and HDMI input port of HDTV display.

# CONNECTING AND OPERATING

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## How to Connect the HDMIC6PRO HDBaseT Extender With Bi direction IR 100M

1. Connect one HDMI Cable between the HDMI output port of source device and the HDMI input port of Transmitter unit (5 Meters Max)
2. Connect one HDMI Cable between the HDMI input port of display device and the HDMI output port of Receiver unit. (5 Meters Max)
3. Connect one 100 Ohm Cat.6 cable between the RJ45 port of Transmitter unit and RJ45 port of Receiver unit. Note: CAT.6 is to be no longer than 100 meters in length and should not run parallel to mains power cables.
4. Connect 5V DC power supplies to both Transmitter and Receiver unit.
5. Power on the display device first and then the source device.

# SPECIFICATION

<b>PERFORMANCE</b>	
HDTV Resolution	480p,720p,1080i,1080p
Color Depth	16 bit for R.G.B. each
Audio Format	PCM 2 Ch audio, 5.1, 7.1, DTS-HD, Dolby audio format
IR Range	38kHz, 56kHz
Maximum Cable Range	HDMI Input: 5 meters Max HDMI Output: 5 meters Max
Video Bandwidth	10.2Gbps
Input Video Signal	1.2 Volts P-P
Input DDC Signal	5 Volts(TTL)
<b>I/O CONNECTOR</b>	
<b>Transmitter</b>	
Input	1x HDMI-A 19PIN Socket
	1x 2.5mm DC Jack
Output	1x RJ45 Jack
	1x 3.5mm Jack for IR Emitter
<b>Receiver</b>	
Input	1x RJ45 Jack
	1x 3.5mm Jack for IR Receiver
	1x 2.5mm DC Jack
Output	1x 3.5mm Jack for IR Emitter
<b>MECHANICAL</b>	
<b>Transmitter</b>	
Dimensions (H-W-D)	245x220x120mm
Weight	0.4kg
<b>Receiver</b>	
Dimensions (H-W-D)	245x220x120mm
Weight	0.4kg
<b>WARRANTY</b>	
Limited Warranty	1 Year Parts and Labor
<b>ENVIRONMENTAL</b>	
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)
<b>POWER REQUIREMENTS</b>	
External Power Supply	5VDC@2.5A
<b>SAFETY</b>	
Certificate	FCC, CE, RoHS
Power Adapter	UL, CE, FCC, RoHS, SAA

# WARRANTY

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LIMITED WARRANTY – With the exceptions noted in the next paragraph, PRO.2 warrants the original purchaser that the equipment it manufactures or sells will be free from defects in materials and workmanship for a period of one year from the date of purchase. Should this product, in PRO.2's opinion, prove defective within this warranty period, PRO.2, at its option, will repair or replace this product without charge. Any defective parts replaced become the property of PRO.2. This warranty does not apply to those products which have been damaged due to accident, unauthorized alterations, improper repair, modifications, inadequate maintenance and care, or use in any manner for which the product was not originally intended.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Items integrated into PRO.2 products that are made by other manufacturers, notably computer hard drives and liquid crystal display panels, are limited to the term of the warranty offered by the respective manufacturers. Such specific warranties are available upon request to PRO.2.

PRO.2 makes no other representation of warranty as to fitness for the purpose or merchantability or otherwise in respect of any of the products sold. The liability of PRO.2 with respect to any defective products will be limited to the repair or replacement of such products. In no event shall PRO.2 be responsible or liable for any damage arising from the use of such defective products whether such damages be direct, indirect, consequential or otherwise, and whether such damages are incurred by the reseller, end-user or any third party.

In case of product defect, please contact PRO.2 Customer Care. The product is to be returned at the customer's expense for assessment, and if replaced or repaired under warranty, will be returned at PRO.2's expense.

