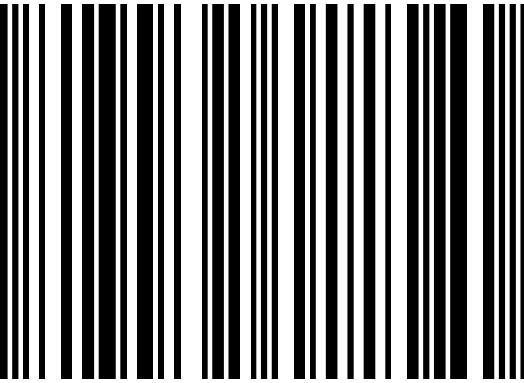


# LINK EXT-HD2-IR

## USER MANUAL



LINK  
B R A N D

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# I N T R O D U C T I O N

The LINK EXT-HD2-IR HDMI UTP Extender over CAT5e/6 with IR boosts your HDMI transmission range up to 50m (164ft) in HDTV 1080p format through CAT5e or CAT6 cable. In addition, the EXT-HD2-IR is also equipped with IR channel option. This features allows users to have IR control on IR equipped devices, such as TV and BD players.

The EXT-HD2-IR includes two units: transmitting (EXT-HD2-IR [TX]) and receiving (EXT-HD2-IR [RX]) units. The transmitting unit is used to capture the HDMI and HDCP input signals and carry the signals through CAT5e/6 cable. The receiving unit is responsible for auto equalizing the transmitted HDMI multimedia data. The transmission range between the sending and receiving units can be up to 50m (164ft) under Full HD (1080p) with 7.1 channel audio.

# F E A T U R E S

- HDCP v1.2 support
- Full HD 1080p extension to 50m (164ft) length
- Flexible installation with wall mounting ear
- Dimensions: 82.4 x 45.5 x 22mm (3.25" x 1.8" x 0.87")

# P A C K A G E C O N T E N T S

- |                       |                     |
|-----------------------|---------------------|
| •EXT-HD2-IR [TX & RX] | •IR blaster         |
| •IR receiver          | •5V DC power supply |
| •User Manual          |                     |

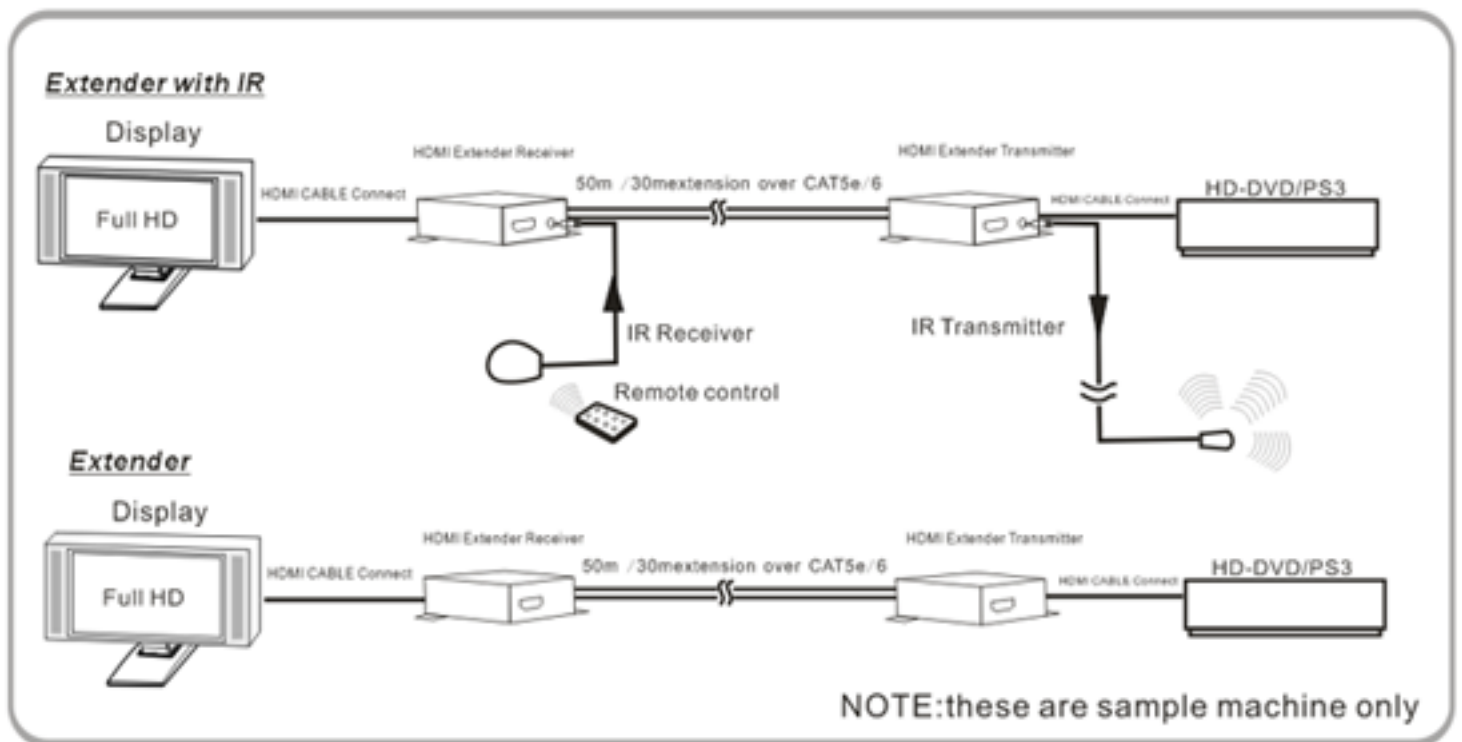
# SPECIFICATIONS

Model Name		EXT-HD2-IR	
Technical		EXT-HD2-IR [TX]	EXT-HD2-IR [RX]
Role of usage		Transmitter [TX]	Receiver [RX]
HDMI compliance		HDMI Speed with 3D	
HDCP compliance		HDCP1.2	
Video bandwidth		6.75Gbps-10.2Gbps	
Video support		480i / 480p / 576i / 576p / 720p / 1080i / 1080p	
Audio support		LPCM / Dolby-AC3 / DTS7.1 / DXD	
HDMI over CAT5e/6 transmission range		Full HD [1080p 24-bit color] – up to 50m [164ft]	
HDMI Equalization		Auto	
Input video signal		5.0 Volts [peak-to-peak]	
Output cable distance		≤5m (16.5ft)	
Input cable distance		≤5m (16.5ft)	
Mechanical			
Housing		Metal enclosure	
Dimensions [L x W x H]	Model	82.4 x 45.5 x 22mm [3.25" x 1.8" x 0.87"]	
	Package	145 x 205 x 53mm [5.7" x 8.07" x 2.1"]	
Weight	Model	431g [15.2oz]	
	Package	517.1g [18.24oz]	
Power supply		5V DC	
Power adapter format		Input AC(50Hz. 60Hz) 100-240V	
Operation temperature		-15~+55°C [5~131°F]	
Relative humidity		5~90% RH [no condensation]	

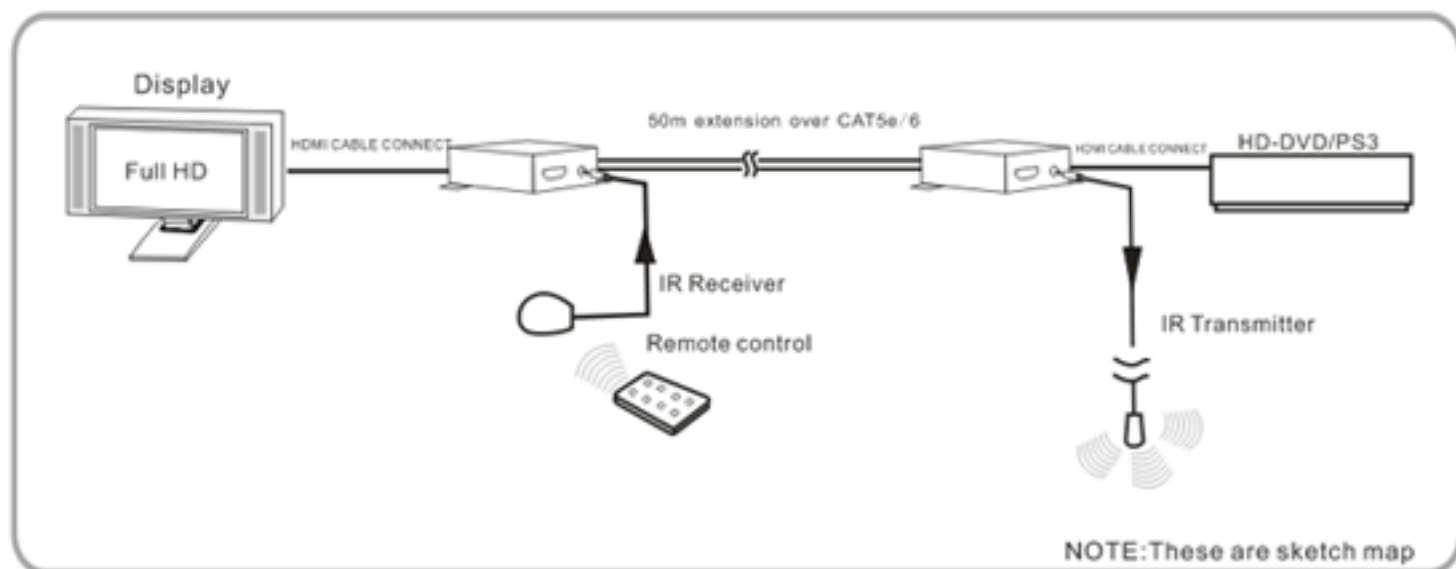
# OPERATION

1. Connect the signal source (HD-DVR, PS3, etc.) with HDMI Input interfaces.
2. Connect the display devices (HD-LCD, HD-PDP etc.) with HDMI output interfaces.
3. Connect the two long CAT5e/6 cables to the Sender output socket.
4. Connect the two long CAT5e/6 cables to the Receiver input socket.
5. Connect LCD with HDMI interface to Receiver output socket.
6. This device is powered by an external power supply (included).

# APPLICATION

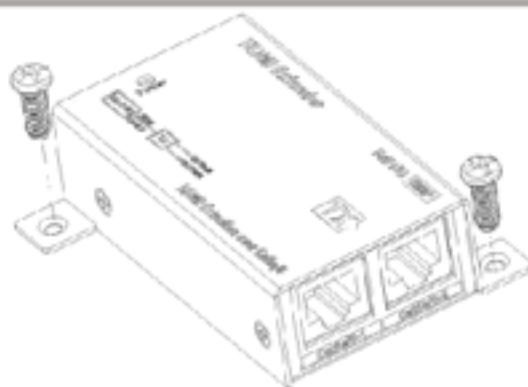


# IR CHANNEL



# WALL MOUNTING

Place the ears of the extender against the rack rails and insert the proper screws (not provided) through each of two holes in the rack ears.



# QUALITY GUARANTEE

This Limited Warranty only covers failures due to defects in materials or workmanship, and does not cover normal wear and tear or cosmetic damage. The limited warranty also does not cover damages which occurred in shipment, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, maladjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a factory service center or other authorized service, or damage that is attributable to acts of God.

There are no express warranties except as listed under “limited warranty coverage”. The warrantor is not liable for incidental or consequential damages resulting from the use of this product, or arising out of any breach of this warranty. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.)

One year warranty for free repair, shipping to LINK BRAND paid by customer, repaired and/or replaced product shipped to customer freight pre-paid.



## SAFETY & NOTICE

The EXT-HD2-IR HDMI UTP Extender over CAT5e/6 with IR has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipments, the EXT-HD2-IR should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Follow all instructions and warnings marked on this unit.
- Do not attempt to service this unit yourself, except where explained in this manual.
- Provide proper ventilation and air circulation and do not use near water.
- Keep objects that might damage the device and assure that the placement of this unit is on a stable surface.
- Use only the power adapter and power cords and connection cables designed for this unit.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.