

HDMI™ Extender



Model:
AC1824



Please read and save all instructions to ensure safe and effective use of this product.

Instruction Manual

PRODUCT DESCRIPTION

The HDMI™ extender is an ideal device for remote viewing. It features extension function and extend the input of the HDMI™ signal to the remote output up to 70m(230 feet), perfect for point-to-point digital signage applications that require high quality HDMI™ video up to 4K@60Hz 4:4:4. It also works to extend Infrared IR signals from remote controls, ideal for controlling your video source from your video destination. It features single ended power supply enabling either the transmitter or receiver to be powered by a single 12V power supply.

BOX CONTENTS

- 1 x HDMI™ Extender Receiver
- 1 x HDMI™ Extender Sender
- 1 x IR Receiver Cable
- 1 x IR Sender Cable
- 1x Adapter
- User Manual

FEATURES

- Support high resolution up to 4K@60Hz YUV 4:4:4
- Support HDCP 2.2 and HDCP 1.4
- Support High Dynamic Range (HDR) video
- Support EDID and HDCP bypass
- Support highest data transfer rate up to 6.0Gbps per channel (18Gbps all channels)
- TMDS clock can be up to 600MHz
- Support 12bit per channel (36bit all channels) deep color
- Support uncompressed audio such as LPCM
- Support compressed audio such as DTS, Dolby Digital
- Supports single ended power supply feature, 12V power transmitted from sender to receiver

Note: The product only supports the HDR10 and HLG High Dynamic Range (HDR) signal, and don't support the Dolby Vision High Dynamic Range (HDR) signal

PRODUCT OVERVIEW

TX

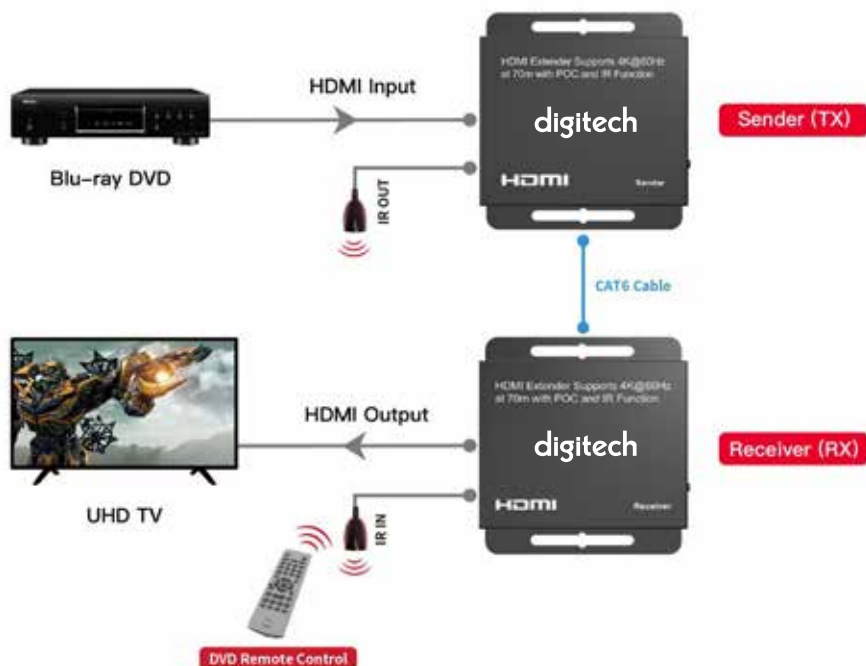


RX



1. DC 12V: DC 12V In
2. HDMI IN: Connect to Input Sources via HDMI Male Input Port
3. IR OUT: IR Signal Output Port
4. Reset: Short Click to Reset
5. CAT6: UTP Cable Connection Port
6. LINK: Link LED Indicator
7. HDMI OUT: Connect to Output Devices via HDMI Male Output Port
8. IR IN: IR Signal Input Port

CONNECTION



TROUBLESHOOTING

PROBLEMS	CAUSES	SOLUTIONS
Non-power-connected/all LED off	Maybe the power supply is not connecting well or use the wrong power adapter	Please check if the power supply is connecting well and the output voltage value is correct as recommended
No sound or sound issues	Maybe the HDMI connection is not well; the audio format is not supported by the displays; the source player set another port to output audio	Please check if the HDMI cables are connecting well; if the audio format is supported by the displays, customers can change to the supported audio format or the player's audio output is setting HDMI audio output or not
No picture or picture flicker	Maybe the HDMI cable quality and UTP cable quality is not good enough or not connecting well	Please check if the HDMI and UTP connection is well, or change another good quality HDMI 2.0 standard HDMI cable or UTP(CAT6 or better cable is recommended) cable will solve the issue.

SPECIFICATIONS

Input Port	HDMI x 1 RJ45 x 1, 3.5MM x 1
Output Port	HDMI x 1, RJ45 x 1, 3.5MM x 1
Extensions Distance	70m(230 feet) for 4K@60Hz 4:4:4
Vertical Frequency Range	50/60Hz
IR Frequency Range	20-60KHz
Interlaced Resolutions(50&60Hz)	480i,576i,1080i
Progressive Resolutions(50&60Hz)	480p,576p,720p,1080p,4K@60Hz
Limited Warranty	1 Year Parts and Labor
Operating Temperature	0°C to 50°C
Storage Humidity	5% to 90% RH non-condensation
Power Supply	DC 12V
Power Consumption (Max)	TX: 1.3W, RX: 1.6W
Extender Unit Cert	FCC, CE, RoHS
Power Supply Cert	FCC, CE, RoHS
Dimension(LxWxH)	84x76.5x20mm
Net Weight	TX/RX: 119g
Material	Metal

Note: Specifications are subject to change without notice.

WARRANTY INFORMATION

Our product is guaranteed to be free from manufacturing defects for a period of 12 Months.

If your product becomes defective during this period, Electus Distribution will repair, replace, or refund where a product is faulty; or not fit for intended purpose.

This warranty will not cover modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and normal wear and tear.

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 for 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 failure does not amount to a major failure.

To claim warranty, please contact the place of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim.

Any expenses relating to the return of your product to the store will normally have to be paid by you.

The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.

This warranty is provided by:

Electus Distribution

Address 46 Eastern Creek Drive, Eastern Creek NSW 2766

Ph. 1300 738 555



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