1080P Wireless HDMI Extender

HDW100



User Manual

AV Access

Introduction

Overview

The 1080P wireless HDMI extender set extends HDMI signals from a source device to a display device wirelessly up to 200 meters or through a Cat 5e/6 cable up to 120 meters. It is ideal for applications for homes and offices.

Features

- Transmits 1080P HDMI signals up to 200m wirelessly.
- Transmits 1080P HDMI signals up to 120m through a Cat 5e/6 cable.
- HDMI loop-out on the transmitter to connect to a local display, allows easy monitoring of the source signal.
- IR extension allows you to control the source device from a remote location.

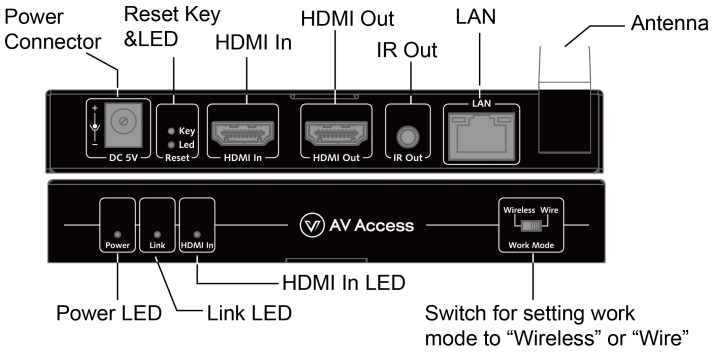
Package Contents

Before you start the installation of the product, please check the package contents:

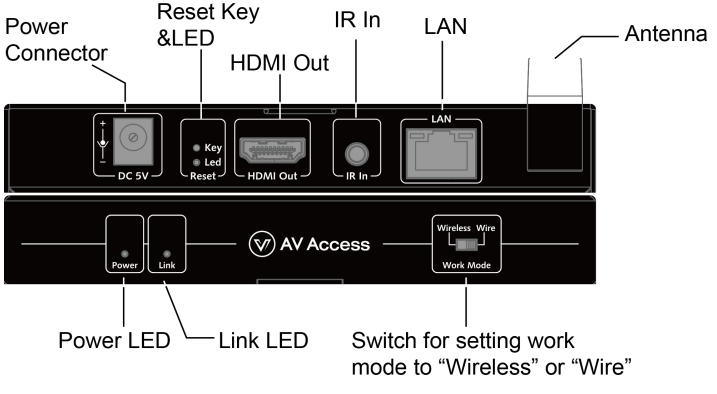
Transmitter x 1; Receiver x 1; Others: Antennas x 2; Power Adapters (DC 5V 1A) x 2; IR Emitter x 1; Broadband IR Receiver (30-50KHz) x 1; Mounting Ears (with Screws) x 4; User Manual x 1

Panel

Transmitter



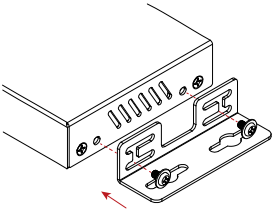
Receiver



Installation and Application

Bracket Installation

Note: Before installation, please ensure the device is disconnected from the power source.



1. Position and install the mounting brackets using the mounting screws provided. Repeat above step for the other side of the device.
2. Attach the brackets to the surface you want to hold the device against using the screws (not included).

Application

(1) 1-1 Wireless Transmission

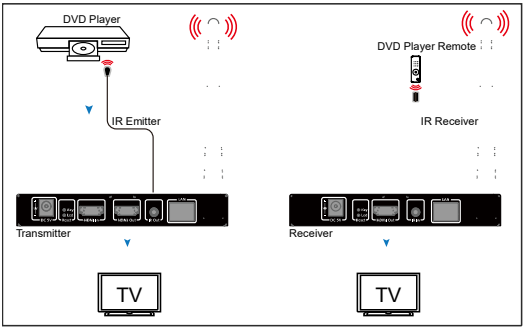


Fig 1

(2) 1-1 Wired Transmission

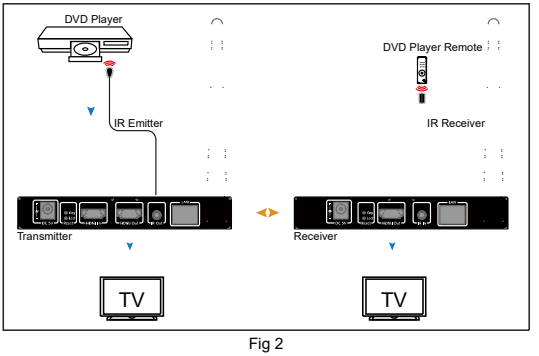


Fig 2

Note:

"Work Mode" Switch Settings	Fig 1	Fig 2
Transmitter	Wireless	Wire
Receiver	Wireless	Wire

Specifications

Technical	
Input A/V Port	Transmitter: 1 x HDMI Receiver: 1 x LAN, 1 x WLAN
Input Resolutions	Up to 1080P@60Hz
Output A/V Port	Transmitter: 1 x HDMI, 1 x LAN, 1 x WLAN Receiver: 1 x HDMI
Output Resolutions	Up to 1080P@60Hz
Compliance	HDMI 1.3, HDCP 1.4
Transmission Distance	Wireless: 200m/656ft (line of sight) Wired: 120m/394ft

General	
Operating Temperature	+32°F ~ +113°F (0°C ~ +45°C) 10% ~ 90%, non-condensing
Storage Temperature	-4°F ~ 140°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing
Power Supply	DC 5V 1A
Power Consumption	TX: 3.5W (Max) RX: 1.6W (Max)
ESD Protection	Human body model: ±8kV (air-gap discharge)/±4kV (contact discharge)
Product Size (W x H x D)	140mm x 21mm x 80mm/5.5'' x 0.83'' x 3.15" each for TX and RX (Antennas not included)
Net Weight	TX: 0.31kg; RX: 0.30kg
Gross Weight	1.10kg

Warranty

Products are backed by a limited 1-year parts and labor warranty. For the following cases AV Access Technology Limited shall charge for the service(s) claimed for the product if the product is still remediable and the warranty card becomes unenforceable or inapplicable.

1. The original serial number (specified by AV Access Technology Limited) labeled on the product has been removed, erased, replaced, defaced or is illegible.
2. The warranty has expired.
3. The defects are caused by the fact that the product is repaired, dismantled or altered by anyone that is not from an AV Access Technology Limited authorized service partner. The defects are caused by the fact that the product is used or handled improperly, roughly or not as instructed in the applicable User Guide.
4. The defects are caused by any force majeure including but not limited to accidents, fire, earthquake, lightning, tsunami and war.
5. The service, configuration and gifts promised by salesman only but not covered by normal contract.
6. AV Access Technology Limited preserves the right for interpretation of these cases above and to make changes to them at any time without notice.

Thank you for choosing products from AV Access.

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General Enquiry: info@avaccess.com
Customer/Technical Support: support@avaccess.com