

# HDMI® WIRELESS EXTENDER



**Vanco Part Number  
EVEXWHDMI**

**HDMI® Wireless  
Extender**

**EVOLUTION**  
BY   
ADVANCING DIGITAL CONNECTIVITY

**www.vanco1.com • 800.626.6445**

## DEAR CUSTOMER

Thank you for purchasing this product.  
For optimum performance and safety, please  
read these instructions carefully before connecting, operating or  
adjusting this product. Please keep this manual for future reference.

This product is 100% inspected and tested in the United States to verify  
HDMI performance parameters.

## WARNING

1. Do not expose this unit to water, moisture, or excessive humidity.
2. Do not install or place this unit in a built-in cabinet, or other confined space without adequate ventilation.
3. To prevent risk of electrical shock or fire hazard, due to overheating do not obstruct unit's ventilation openings.
4. Do not install near any source of heat, including other units that may produce heat.
5. Do not place unit near flames.
6. Only clean unit with a dry cloth.
7. Unplug unit during lightening storms or when not used for an extended period of time. A surge protector is strongly recommended.
8. Protect the power cord from being walked on or pinched, particularly at the plugs.
9. Use unit only with accessories specified by the manufacturer.
10. Refer all servicing to qualified personnel.

## CAUTION

HDMI is a very complex technology requiring continuous authentication of the signal and the same video resolution and audio settings on all electronic equipment in the system. When there are multiple sources and displays, the video resolution and audio setting on all connected units must be adjusted to correspond with that of the display having the lowest video and audio capability.

## INTRODUCTION

The EVEXWHDMI extends an HDMI signal wirelessly from a source to a display up to 656ft/200m using wireless technology. There are no cables that are required between the transmitter and receiver which makes for a clean and easy installation

### HDMI® Wireless Extender

Part # EVEXWHDMI

- Extends an HDMI signal wirelessly from a source to a display up to 656 ft/ 200m
- No cables required between the transmitter and receiver which makes for a clean and easy installation, perfect for retrofit applications
- Transmits HD audio video signal up to 656ft/200m
- IR functionality to control the source device from the display
- Wireless transmission between TX and RX using H.264 technology
- Automatic settings, plug and play solution
- Dimensions: 7.8" W x 1.2" H x 5.4" D

## SPECIFICATIONS

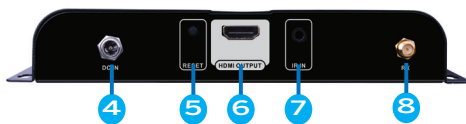
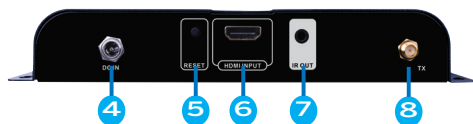
HDMI Signal .....	Fully Compatible with HDCP
Transport Protocol .....	HDBitT
Resolution Support .....	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
IR Remote Control .....	Supports 20-60 kHz wide frequency IR remote device
Transmit Distance .....	Up to 200m for 1080p 60Hz
Working Temperature .....	0-60 Degrees C
Power Supply .....	(2) DC5V/3A
Power Consumption .....	TX: 8.5W; RX: 5.5W
Enclosure Material .....	Metal
Dimensions .....	7.8" W x 1.2" H x 5.4" D
Weight .....	TX: 531g RX: 528g
Color .....	Black

## PANEL DESCRIPTIONS

TRANSMITTER



RECEIVER



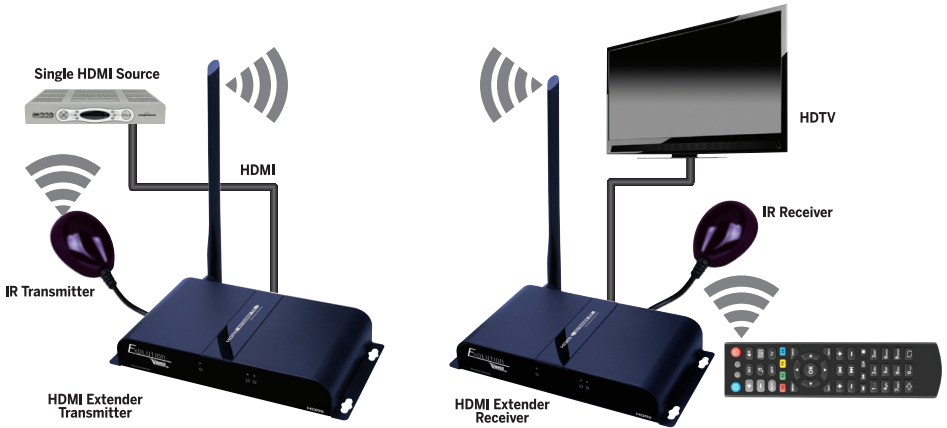
1. Power LED
2. Data Transmission LED: Blinks slowly when connecting, Blinks fast once connected and transmitting
3. Connection Status LED
4. Power Supply Input
5. Reset Button
6. HDMI Input
7. IR Blaster Port
8. Antenna

1. Power LED
2. Data Transmission LED: Blinks slowly when connecting, Blinks fast once connected and transmitting
3. Connection Status LED
4. Power Supply Input
5. Reset Button
6. HDMI Output
7. IR Receiver Port
8. Antenna

## PACKAGE CONTENTS

- EVEXWHDMI Extender Set (transmitter and receiver)
- 1 IR TX
- 1 IR RX
- 2 5V, 3A Power Supplies
- Product Manual

# CONNECTION DIAGRAM



## CONNECT AND OPERATE

1. Connect HDMI cable from a source into the HDMI IN port of the transmitter
2. OPTIONAL: Connect the provided IR BLASTER into the IR OUT port of the transmitter
3. Connect a HDMI cable from the HDMI OUT port of the receiver to a display or sink device
4. OPTIONAL: Connect the provided IR RECEIVER into the IR IN port of the receiver.
5. Power on and test

NOTE: Transmission distance may be different and that certain environmental factors such as external wireless signals can interfere with transmission. Walls, brick, or glass can significantly shorten the product's range at higher resolutions.

## IR FUNCTIONALITY

The EVEXWHDMI is capable of routing IR from the display to the source(s). Due to possible differences in IR configuration and voltage, it is important that you use the IR cables that have been provided with the product to ensure compatibility

IR frequency : Supports 20-60kHz IR remote device  
IR cable length : 1m/3.28ft  
Port : 3.5mm



## TROUBLE-SHOOTING

1. If the display has "waiting for connection" on the bottom right hand corner: Check to see if the power supply of the transmitter and receiver are well connected and that the power indicator lights are ON.
2. If the display states, "Please check the TX input signal": First check to see if there input is properly connected and powered on. Next try to connect the signal source directly to the display device to see if there is a signal output from the source device or change the signal source.
3. If the display is not stabled:
  1. Try moving the position of the transmitter and receiver and make sure the range of the device has not been exceeded.
  2. Hit the "RESET" button on the RX first, followed by the TX. Please allow time to sink before trying the TX RESET button
  3. Remove power and HDMI form both sides, reconnect the HDMI cables FIRST, then power after
  4. Look to remove other wireless signal that may be disrupting the transmission

For best performance and practice, we recommend that all HDMI cables are tested properly before installing them on site.

## LIMITED WARRANTY

With the exceptions noted in the next paragraph, Vanco warrants to the original purchaser that the equipment it manufactures or sells will be free from defects in materials and workmanship for a period of two years from the date of purchase. Should this product, in Vanco's opinion, prove defective within this warranty period, Vanco, at its option, will repair or replace this product without charge. Any defective parts replaced become the property of Vanco. 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.

Items integrated into Vanco 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 Vanco. A surge protector, power conditioner unit, or an uninterruptible power supply must be installed in the electrical circuit to protect against power surges.

If repairs are needed during the warranty period the purchaser will be required to provide a sales receipt/sales invoice or other acceptable proof of purchase to the seller of this equipment. The seller will then contact Vanco regarding warranty repair or replacement.

## TECHNICAL SUPPORT

In case of problems, please contact Vanco Technical Support by dialing 1-800-626-6445. You can also email technical support issues to [techsupport@vanco1.com](mailto:techsupport@vanco1.com).

When calling, please have the Model Number, Serial Number (affixed to the bottom of the unit) and Invoice available for reference during the call.

Please read this Instruction Manual prior to calling or installing this unit, since it will familiarize you with the capabilities of this product and its proper installation.

All active electronic products are 100% inspected and tested to insure highest product quality and trouble-free installation and operation. The testing process utilizes the types of high-definition sources and displays typically installed for entertainment and home theater applications.

For additional information, such as helpful installation videos, etc. please visit [www.vanco1.com](http://www.vanco1.com)

## LIABILITY STATEMENT

Every effort has been made to ensure that this product is free of defects. The manufacturer of this product cannot be held liable for the use of this hardware or any direct or indirect consequential damages arising from its use. It is the responsibility of the user and installer of the hardware to check that it is suitable for their requirements and that it is installed correctly. All rights are reserved. No parts of this manual may be reproduced or transmitted by any form or means electronic or mechanical, including photocopying, recording or by any information storage or retrieval system without the written consent of the publisher.

Manufacturer reserves the right to revise any of its hardware and software following its policy to modify and/or improve its products where necessary or desirable. This statement does not affect the legal rights of the user in any way.



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