

## VE849R

Multicast HDMI Wireless Receiver (1080p@30m)



The VE849R Multicast HDMI Wireless Receiver, when used in unison with the [VE849T](#) transmitter, allows you to position HDMI displays up to 30m\* away from HDMI sources. Easily connect two HDMI source devices, a local [HDTV](#) and up to four receivers (connected to remote [HDTV](#)s) wirelessly, while ensuring crystal clear image quality (Full 1080p), 5.1 channel Dolby digital audio and 3D technology. The IR remote control allows you to switch between HDMI source devices remotely from the receiver side, making watching up to one local and four wirelessly connected [HDTV](#)s simultaneously a breeze!

The VE849R can be used as:

- A wireless 2-port HDMI switch to connect and consolidate remote devices (such as Blu-ray and media players), giving you a complete wireless home cinema.
- An ideal addition to meeting rooms, allowing you to share presentations and video conferences to up to four different locations up to 30m\* away.
- A part of your digital signage architecture, for example when broadcasting promotional videos wirelessly across a show room, boutique or car dealership.

\* Distance may vary depending on the actual environment; solid objects such as steel, concrete, or brick may cause interference and shorten the transmission distance.



### Features

- Connect 2 HDMI inputs to 5 HDMI outputs (1 local + 4 remote) via wireless extension\*
- Wirelessly extend four HDMI displays up to 30m\* from the HDMI source
- Connect and transmit wireless video content from your Blu-ray DVD player, media players, or other HDMI device wirelessly
- Multicast signal - 1 transmitter streams HDMI transmissions to 4 receivers simultaneously
- Supports Dynamic Frequency Selection (DFS) - greatly reduces Wi-Fi signal interference for improved transmission quality and stability
- Wireless 3D supported
- Wireless Full HD (1080p) and 5.1 channel Dolby with AC3 and DTS digital audio
- Superior video quality: 480p, 720p, 1080i, and 1080p (24 / 30 / 60fps)
- Keeps home theater electronic devices neatly out-of-sight
- Built-in IR receiver with IR blaster cable allows control of remote source devices
- WHDI™ Technology - Low latency <1ms
- HDCP compatible
- No software or driver installation needed

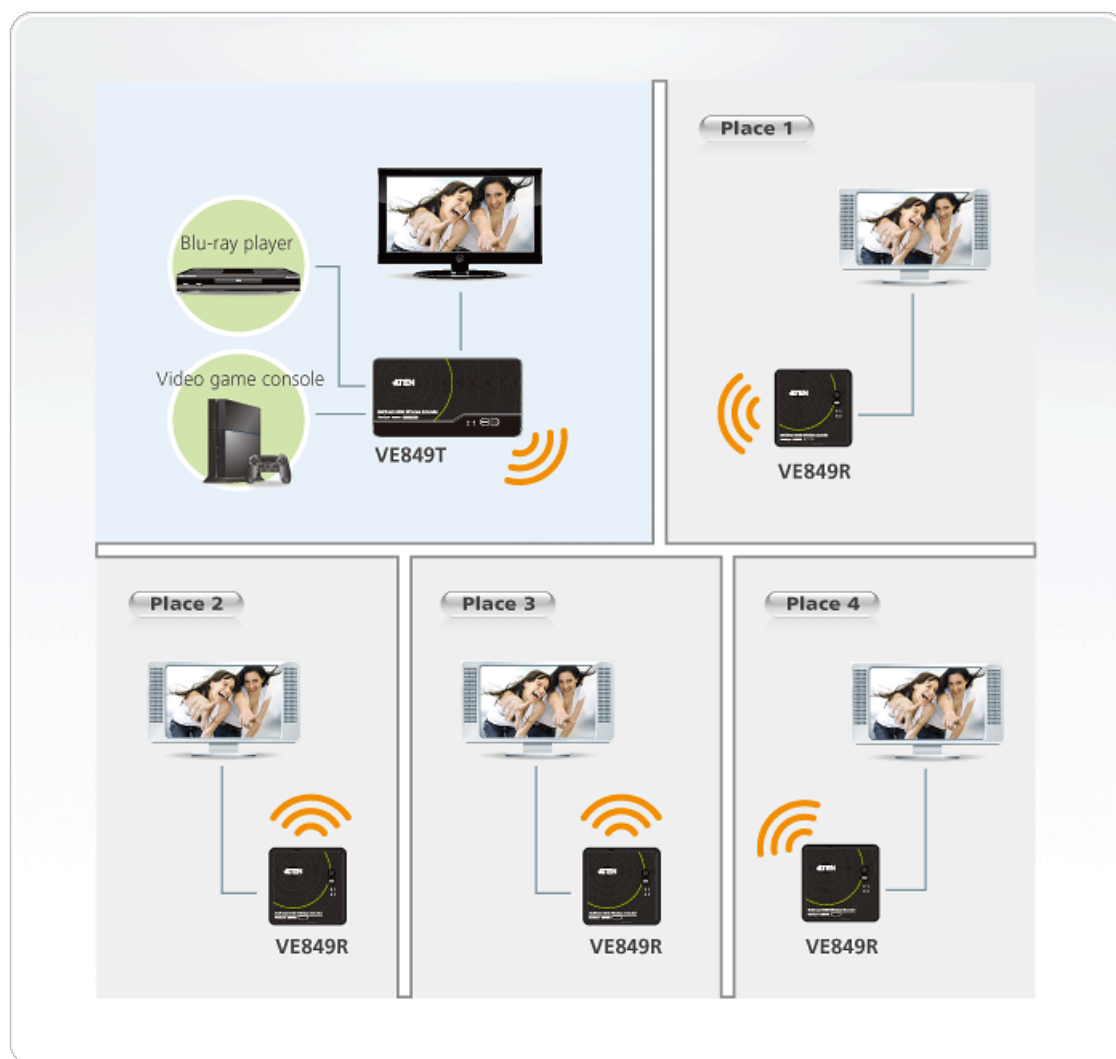
\* Distance may vary depending on the actual environment; solid objects such as steel, concrete, or brick may cause interference and shorten the transmission distance

## Specifications

Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 $\Omega$
Max. Distance	3 m
Video	
Max. Data Rate	6.75 Gbps (2.25 Gbps Per Lane)
Max. Pixel Clock	225 MHz
Compliance	HDMI (3D) HDCP Compatible
Max. Resolutions / Distance	Up to 1080p@30m (Line of Sight) *
Audio	
Input	N/A
Output	1 x HDMI Type A Female (Black)
Control	
IR	1 x 2.5mm Mini Stereo Jack Female (Black)
Connectors	
Power	1 x DC Jack (Mini USB)
Power Consumption	DC5V:7.5W:32BTU/h  Note: <ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul>
Environmental	
Operating Temperature	0-40°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Plastic
Weight	0.13 kg ( 0.29 lb )
Dimensions (L x W x H)	9.50 x 9.50 x 3.50 cm (3.74 x 3.74 x 1.38 in.)
Carton Lot	5 pcs

Note	* Distance may vary depending on the actual environment; solid objects such as steel, concrete or brick may cause interference and shorten the transmission distances.
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

# Diagram



## ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan  
 Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
 www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.  
 ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.  
 All rights reserved. All other trademarks are the property of their respective owners.