

## VE849

Multicast HDMI Wireless Extender (1080p@30m)



The VE849 Multicast HDMI Wireless Extender extends your HDMI display up to 30m\* from the HDMI source to up to four separate receivers, wirelessly. Easily connect two HDMI source devices, a local [HDTV](#) and up to four receivers (connected to [HDTVs](#)) wirelessly with crystal clear image quality capable of streaming Full 1080p with 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 and allows you to watch one local and four wirelessly connected [HDTVs](#) simultaneously.

Consisting of a wireless HDMI transmitter and receiver, the VE849 allows you to consolidate your HDMI devices.

The VE849 can be used as:

- A wireless 2-port HDMI switch to connect remote devices (such as Blu-ray and media players) and complete your own 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, broadcasting ads or 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.

Note: The Transmitter (VE849T) and Receiver (VE849R) are sold separately.



### Features

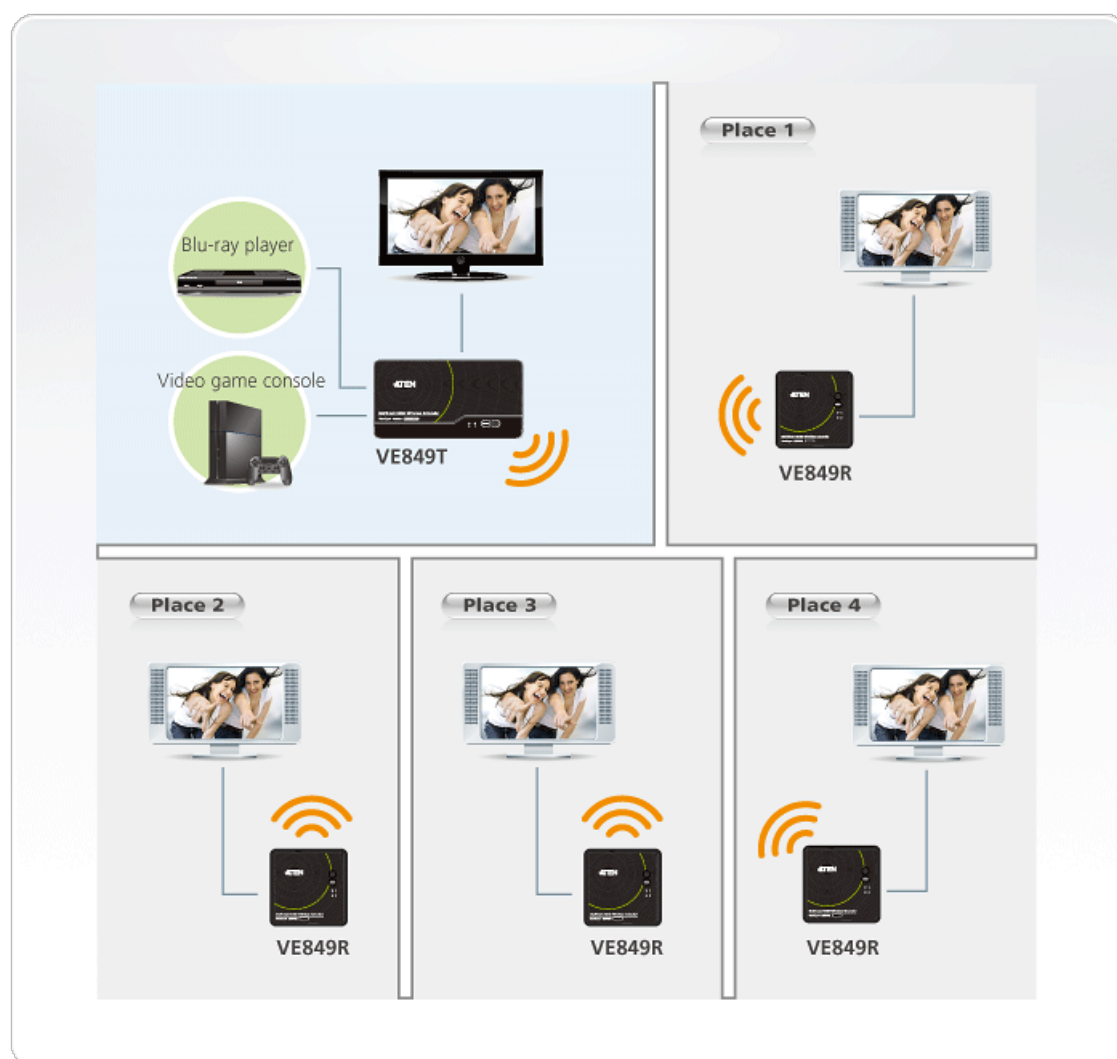
- Connect 2 HDMI inputs to 5 HDMI outputs (1 local + 4 remote) via wireless extension\*
- Wirelessly extend four HDMI displays up to 30m\* from the HDMI source
- Connect and transmit wireless video content from your Blu-ray DVD player, media players, or other HDMI device wirelessly
- Multicast signal - 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

Function	VE849R	VE849T
Video Input		
Interfaces	N/A	2 x HDMI Type A Female (Black)
Impedance	N/A	100 $\Omega$
Max. Distance	N/A	3 m
Video Output		
Interfaces	1 x HDMI Type A Female (Black)	1 x HDMI Type A Female (Black)
Impedance	100 $\Omega$	100 $\Omega$
Max. Distance	3 m	3 m
Video		
Max. Data Rate	6.75 Gbps (2.25 Gbps Per Lane)	6.75 Gbps (2.25 Gbps Per Lane)
Max. Pixel Clock	225 MHz	225 MHz
Compliance	HDMI (3D) HDCP Compatible	HDMI (3D) HDCP Compatible
Max. Resolutions / Distance	Up to 1080p@30m (Line of Sight) *	Up to 1080p@30m (Line of Sight) *
Audio		
Input	N/A	2 x HDMI Type A Female (Black)
Output	1 x HDMI Type A Female (Black)	1 x HDMI Type A Female (Black)
Control		
IR	1 x 2.5mm Mini Stereo Jack Female (Black)	1 x 2.5mm Mini Stereo Jack Female (Black)
Connectors		
Power	1 x DC Jack (Mini USB)	1 x DC Jack
Power Consumption	DC5V:7.5W:32BTU  Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.	DC5V:10W:42BTU  Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental		
Operating Temperature	0 - 40°C	0 - 40°C
Storage Temperature	-20 - 60°C	-20 - 60°C

### Diagram





Simply Better Connections

***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.