

## VE819

HDMI Dongle Wireless Extender (1080p@10m)



The VE819 HDMI Dongle Wireless Extender is the perfect solution for meeting rooms and home theater systems. It sends uncompressed Full HD 1080p signal from your HDMI devices such as laptops, computers and set top boxes. Up to four Wireless HDMI Transmitters can be paired to the Receiver, boosting the number of total transmitters per receiver to a maximum of 4.

The VE819 is designed to simply plug and play, no drivers or software are required. The VE819 can wirelessly extend or mirror your computer to the connected HDMI devices, enabling smooth and effortless video streaming and photo sharing.

The VE819 has less than 1ms latency, meaning that in meeting room settings, you can have the source video synchronized with a projector almost without delay.



### Features

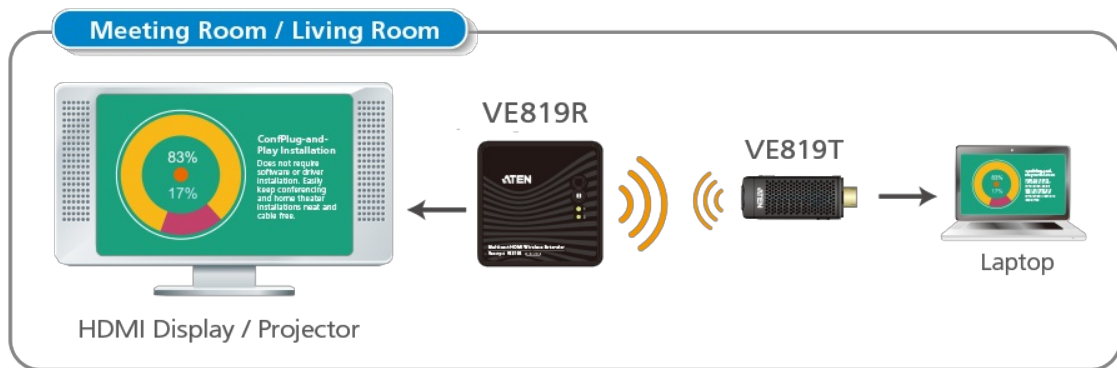
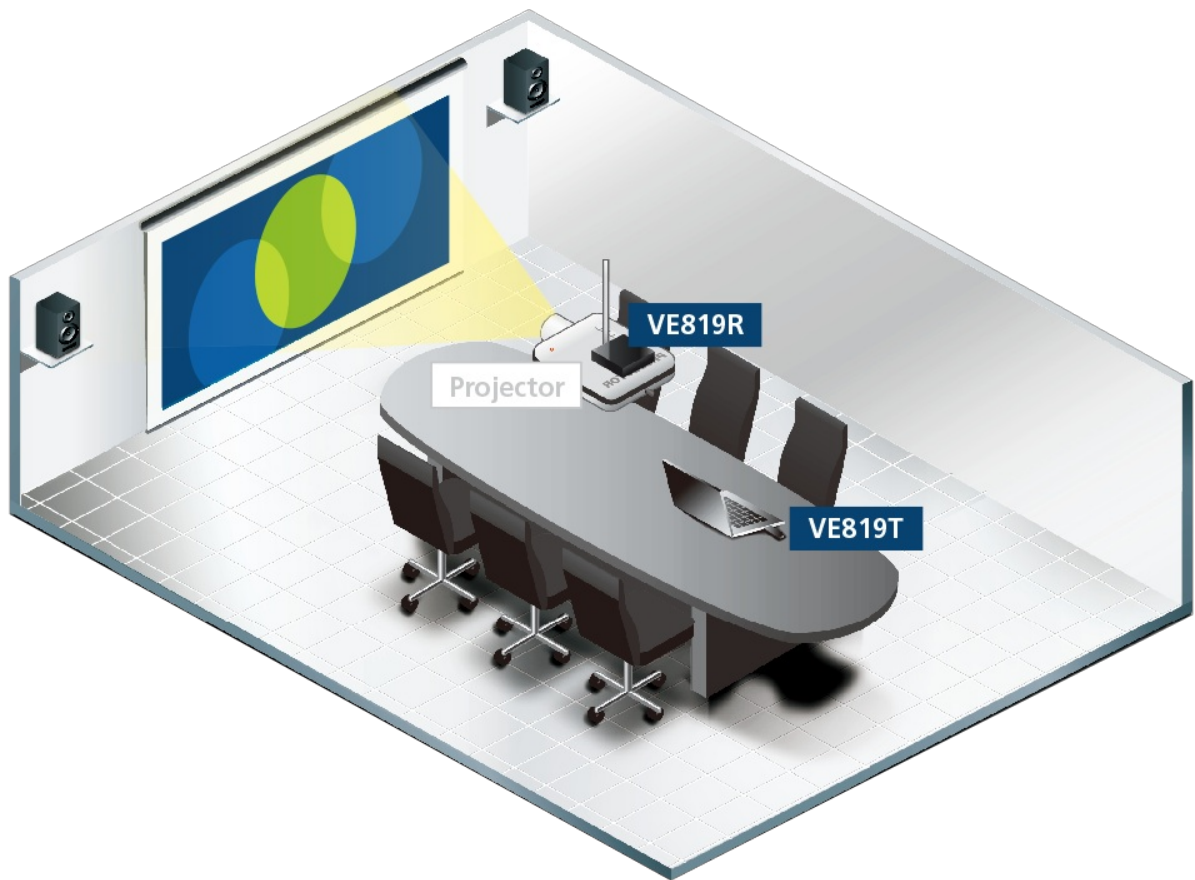
- Low latency < 1ms
- Uncompressed full HD 1080p video transmission
- Supports audio formats – digital audio LPCM 7.1 channels, Dolby Digital and DTS Digital 5.1 channels
- Wireless extend or mirror the computer or laptop
- Extends signals up to 10 m\*
- Up to 4 Wireless HDMI Transmitters can be paired to one Receiver
- Plug-and-play – No software installation required
- Secure data transmission – AES 128-bit encryption

\*Note: For optimal video quality, the transmission distance shall not exceed 7 m. The true effective transmission distance may vary depending on the installation site; solid obstacles such as steel, concrete, and brick may affect transmission quality and shorten its effective distance.

### Specification

| Function       | VE819R                         | VE819T                         |
|----------------|--------------------------------|--------------------------------|
| Video Input    |                                |                                |
| Interfaces     | N/A                            | 1 x HDMI Type A Male (Black)   |
| Impedance      | N/A                            | 100 Ω                          |
| Video Output   |                                |                                |
| Interfaces     | 1 x HDMI Type A Female (Black) | N/A                            |
| Impedance      | 100 Ω                          | N/A                            |
| Max. Distance  | 3 m                            | N/A                            |
| 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)<br>HDCP Compatible   | HDMI (3D)<br>HDCP Compatible  |
| Max. Resolutions / Distance | Up to 1080p/60Hz@10m (Line of Sight) *   | Up to 1080p/60Hz@10m (Line of Sight) *  |
| Audio                       |  |   |
| Input                       | N/A  | 1 x HDMI Type A Male (Black)  |
| Output                      | 1 x HDMI Type A Female (Black)   | N/A   |
| Control                     |  |   |
| IR                          | 1 x 2.5mm Mini Stereo Jack Female (Black)  | N/A   |
| Connectors                  |  |   |
| Power                       | 1 x Mini USB Jack  | 1 x Mini USB Jack   |
| Power Consumption           | DC5V: 7.84WBTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. | DC5V: 2.5WBTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● 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  |
| Humidity                    | 0 - 80% RH, Non-Condensing   | 0 - 80% RH, Non-Condensing  |
| Physical Properties         |  |   |
| Housing                     | Plastic  | Plastic   |
| Weight                      | 0.13 kg ( 0.29 lb )  | 0.03 kg ( 0.07 lb )   |
| Dimensions (L x W x H)      | 9.50 x 9.50 x 3.33 cm<br>(3.74 x 3.74 x 1.31 in.)  | 3.00 x 7.03 x 1.75 cm<br>(1.18 x 2.77 x 0.69 in.)   |
| Carton Lot                  | 5 pcs  | 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.   | * 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.  |   |



**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.