

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.

Specifications

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) HDCP Compatible	HDMI (3D) 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 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: 2.5WBTU/h 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
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 (3.74 x 3.74 x 1.31 in.)	3.00 x 7.03 x 1.75 cm (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.	

Diagram

