

HDMI Extender with IR Control

VE810

The VE810 HDMI Extender extends your HDMI display up to 60 m from your HDMI source device using two Cat 5e cables. In addition, VE810 is equipped with IR signaling pass-through which allows the IR channel to control from the remote to local unit, to control the HDMI source, or from the local to remote unit, to control the display device.

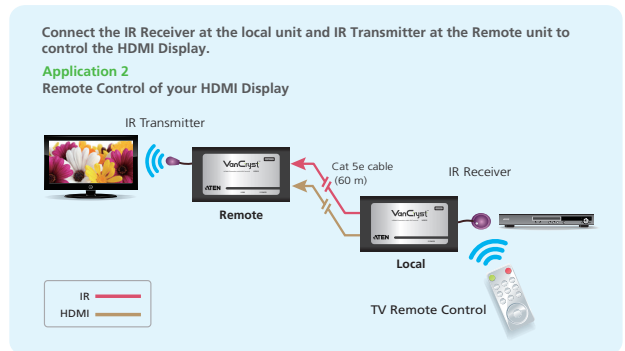
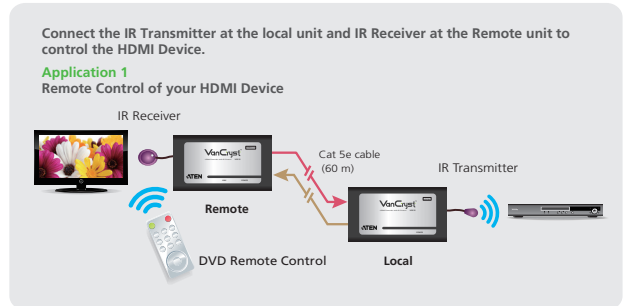
For flexibility and convenience, the VE810 setup requires only one power adapter for both units. The VE810R remote unit will function without the need of an additional power adapter because it will be powered by the VE810 local unit.

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



Features

- Connects the local and the remote units via Cat 5e cables
- HDMI (3D, Deep Color); HDCP compliant
- Superior video quality – up 1920 x 1080 at distance up to 40 m
- Bi-directional IR channel for IR signal control on remote unit; IR transmission is processed one direction at a time
- 8 segment equalization adjustment switch optimizes display quality
- Supports Dolby True HD and DTS HD Master Audio
- DDC compatible
- Compatible with all ATEN HDMI switches and splitters
- Non-Powered (only require one power adapter)
- Rack-mountable



Specifications

	VE810L	VE810R
Video Input		
Interfaces	1 x HDMI Type A Female (Black)	N/A
Impedance	100 Ω	N/A
Max. Distance	3 m (2L-7D03H)	N/A
Video Output		
Interfaces	N/A	1 x HDMI Type A Female (Black)
Impedance	N/A	100 Ω
Max. Distance	N/A	3 m (2L-7D03H)
Video		
Max. Data Rate	6.75 Gbps (2.25 Gbps per lane)	
Max. Pixel Clock	225 MHz	
Compliance	HDMI (3D, Deep Color); HDCP Compatible	
Max. Resolutions / Distance	Up to 1080p @ 40 m; 1080i @ 60m	
Audio		
Input	1 x HDMI Type A Female (Black)	N/A
Output	N/A	1 x HDMI Type A Female (Black)
Control		
IR	1 x Mini Stereo Jack Female (Black)	
Connectors		
Power	1 x DC Jack	
Power Consumption	DC5V: 2.41W: 11BTU	DC5V: 1.06W: 5BTU
Environmental		
Operating Temperature	0 – 50°C	
Storage Temperature	-20 – 60°C	
Humidity	0 – 80% RH, Non-condensing	
Physical Properties		
Housing	Metal	
Weight	0.16 kg	0.16 kg
Dimensions (L x W x H)	9.00 x 5.74 x 2.40 cm	9.00 x 5.74 x 2.40 cm

ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datung 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

Product information is subject to change without prior notice.

Released: 05/2021 V4.0

© Copyright 2021 ATEN® International Co. Ltd.
 ATEN and the ATEN logo are registered trademarks of ATEN International Co., Ltd.
 All rights reserved. All other trademarks are the property of their respective owners.
 The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

