

HDMI HDBaseT-Lite Receiver with Scaler

VE805R

■ The VE805R HDMI HDBaseT-Lite Receiver with Scaler can be combined with ATEN HDMI HDBaseT products to extend your HDMI display up to 60 m from your HDMI source device using a single Cat 5e/6a cable.

With a built-in scaler, the VE805R supports scaling the display of different video resolutions. When combined with the ATEN VM8514 HDBaseT Output Board, it supports video wall integration and Seamless SwitchTM functions. In addition, the VE805R is equipped with RS-232 and IR signaling pass-through, which allows RS-232 and IR channels to be controlled either from the remote to local unit or from the local to remote unit, for bi-directional control of the source or display device.



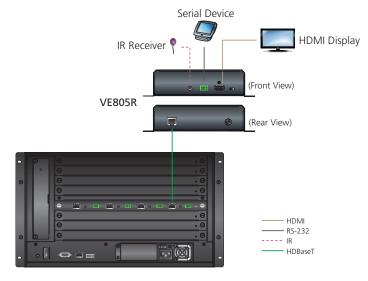
Features

- HDBaseT Connectivity extends the connection between the VM8514 HDBaseT outputs and an HDMI display over a long distance via single Cat 5e/6a cable
- HDBaseT Anti-jamming resists signal interference during high quality video transmissions using HDBaseT technology
- Bi-directional RS-232 channel allows you to connect to serial terminals or serial devices, such as touch screens and barcode scanners
- Scaler features a scaling function to integrate a video wall seamlessly with various output formats
- Seamless Switch™ close-to-zero second switching that provides continuous video streams, real-time switching and stable signal transmissions*
- Video Wall features configurable video wall profiles available for custom screen layouts via simple point-n-click web GUI*
- Bi-directional IR channel IR transmission is processed one direction at a time**
- Rack-mountable

Note

- * The Seamless Switch™ and video wall functions are available when the VE805R is used with the VM8514.
- ** Supports full frequency IR signals from 30KHz to 60KHz; however the IR receiver cable included with the package only supports 30KHz to 56 KHz
- *** Bi-directional RS-232 channel only available when VE805R is used with the VM8514.





Specifications

Function		VE805R
Video Input	Interface	1 x RJ-45 Female (Silver)
	Impedance	100 Ώ
Video Output	Interface	1 x HDMI Type A Female (Black)
	Impedance	100 Ώ
Video	Max Data Rate	6.75 Gpbs (2.25 Gbps per lane)
	Max Pixel Clock	225 MHz
	Compliance	HDMI (3D, Deep Color) HDCP1.4; HDBaseT Compatible
	Max Resolution / Distance	Up to 1080p @ 60 m (Cat 5e/6); 70m (Cat 6a)
Control	RS-232	Connector: 1 x Captive Screw Connector, 3 Pole
	IR	1 x Mini Stereo Jack Female (Black)
Power		Connector: 1 x DC Jack (Sliver); Consumption: 5 VDC, 9.5W
Environment	Operating Temp.	0° to 40° C
	Storage Temp.	-20° to 60° C
	Humidity	0 - 80% RH, Non-condensing
Physical Properties	Housing	Metal
	Weight	0.83 kg
	Dimensions (L x W x H)	18.18 x 16.92 x 4.20 cm

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