

VM8514

4-Port HDBaseT Output Board



The VM8514 4-Port HDBaseT Output Board offers an easy way route 4 HDBaseT transmitters to 4 HDBaseT receivers, and in combination with the ATEN [Modular Matrix Switches](#) to provide the ability of routing up to 32 input and 32 output HDBaseT connections.

When the VM8514 HDBaseT Output Board is used in conjunction with the [VE805R](#) HDBaseT receiver it features Seamless Switch™ technology and video wall functionality. ATEN's Seamless Switch™ technology provides video switching in real-time with a built in scaler that handles different video resolutions across different displays and video wall features that allow you to configure up to 32 profiles for custom layouts via the point-n-click web GUI.

[* Compatible Receivers](#)



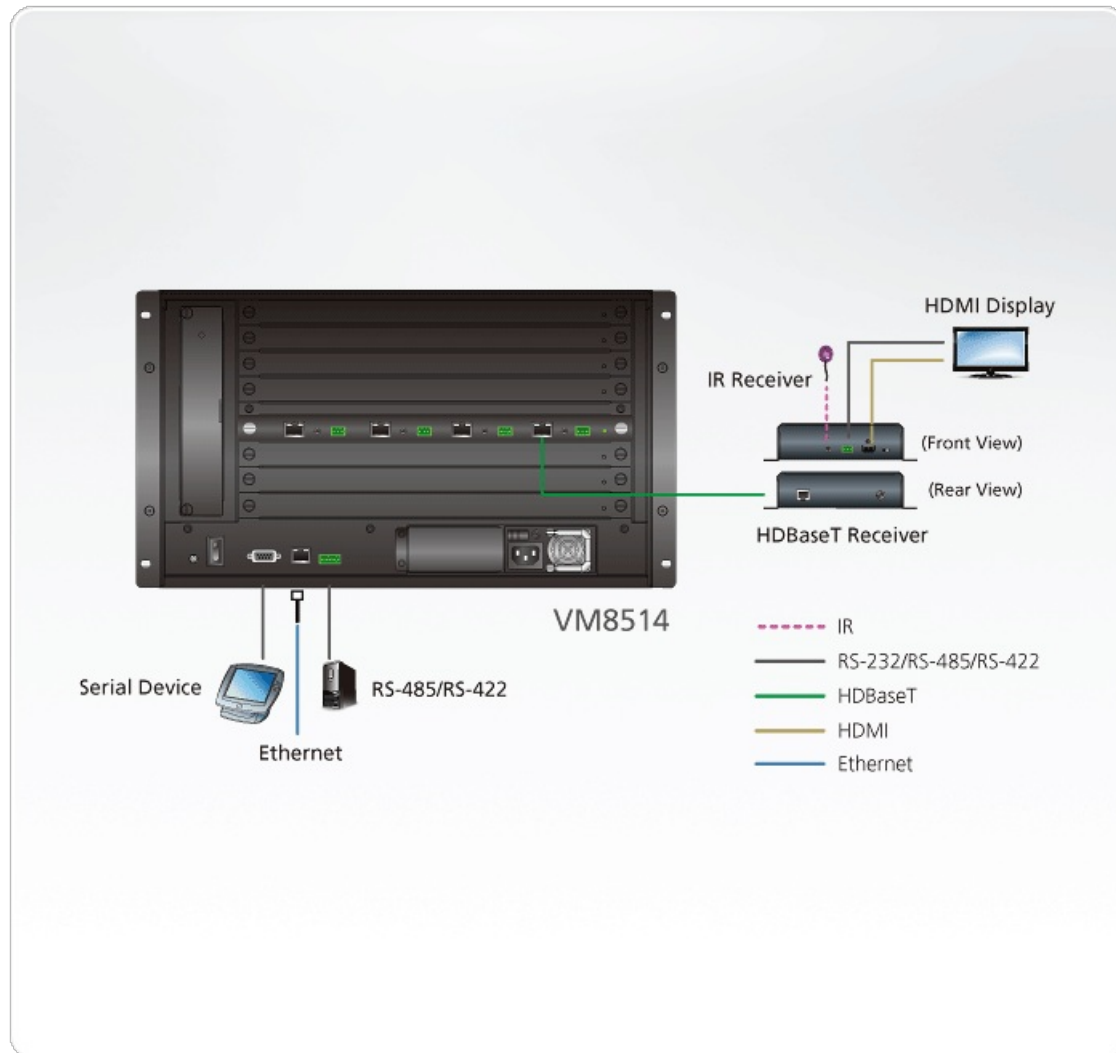
Features

- 4-port HDBaseT Output Board that is compatible with the [VM1600A/VM3200](#) and can be mixed with modular I/O boards of any type for optimum flexibility
- Bi-directional RS-232 channel – allows you to connect to serial terminals or serial devices, such as touch screens and barcode scanners
- HDBaseT Connectivity – extends 4 HDBaseT connections up to 100 meters via single Cat 5e/6 cable
- HDBaseT Anti-jamming – resists signal interference during video transmission using HDBaseT technology
- Connected to [VE805R/VE816R](#):
 - Seamless Switch™ – features close-to-zero-second switching, continuous video streams, real-time switching and stable signal transmissions
 - Video Wall – features configurable video wall profiles for custom layouts via point-n-click web GUI
- Bi-directional IR channel – IR transmission is processed one direction at a time
- Hot-swappable design for easy integration of I/O boards

Specifications

Video Output	
Interfaces	4 x RJ-45 Female (Silver)
Impedance	100 Ω
Video	
Max. Data Rate	10.2 Gbps (3.4 Gbps per lane)
Max. Pixel Clock	340 MHz
Compliance	HDBaseT, HDCP 1.4 compatible Consumer Electronics Control (CEC)
Max. Resolution	Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)
Max. Distance	100 m (Cat 6a)
Control	
RS-232	4 x Captive Screw Connectors, 3 pole
IR	4 x Mini Stereo Jack Female (Black)
Power Consumption	12.2W:57BTU/h Note: <ul style="list-style-type: none"> ● 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
Storage Temperature	-20–60°C
Humidity	0–80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.97 kg (2.14 lb)
Dimensions (L x W x H)	35.20 x 23.80 x 2.33 cm (13.86 x 9.37 x 0.92 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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



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