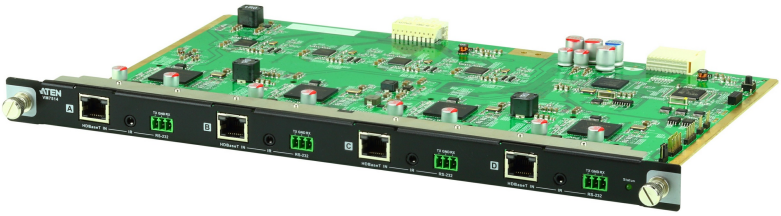
Simply Better Connections

VM7514

4-Port HDBaseT Input Board



The VM7514 4-Port HDBaseT Input 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.

*Compatible Transmitter

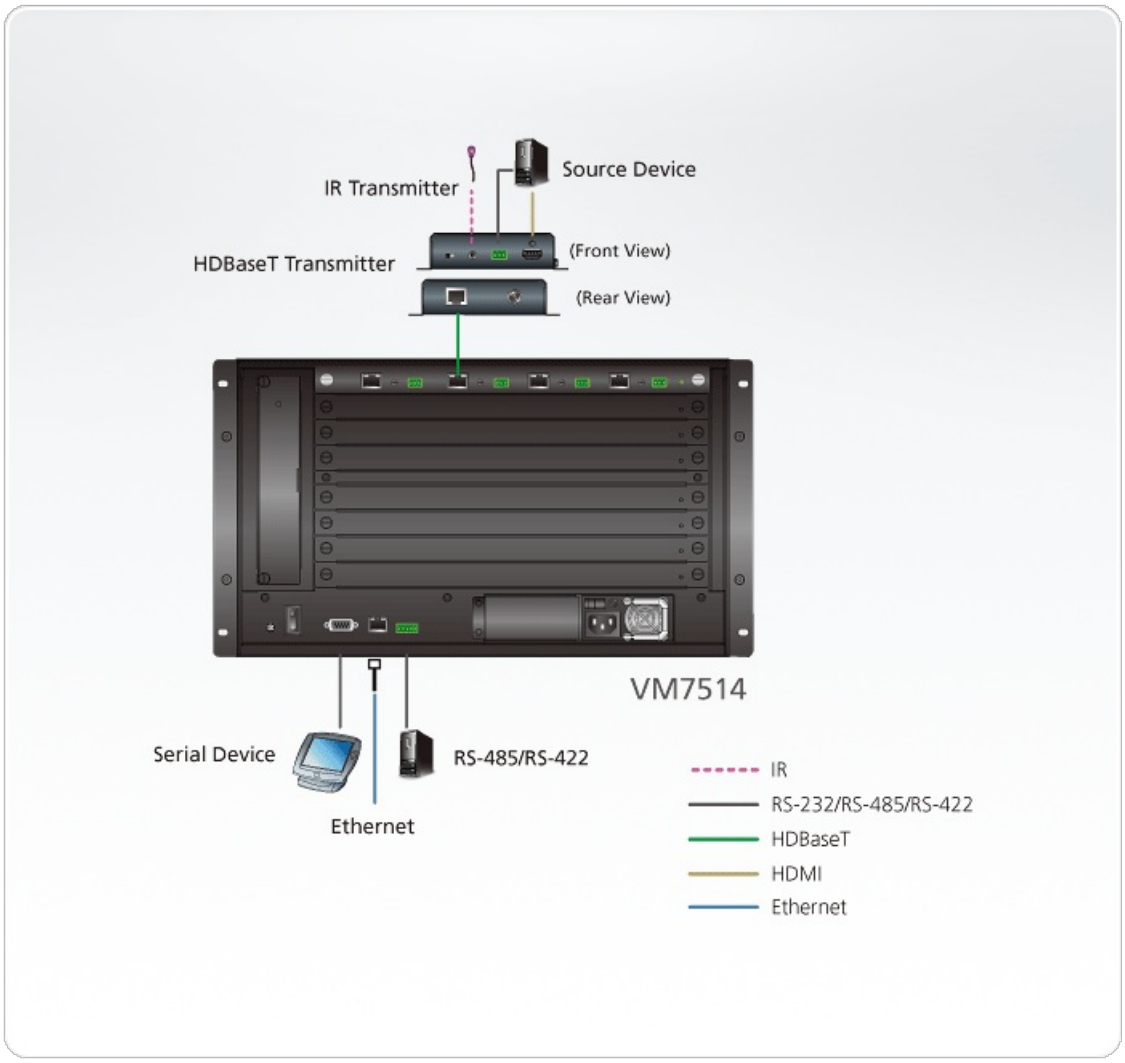
Features

- 4-port HDBaseT Input 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
- Bi-directional IR channel – IR transmission is processed one direction at a time
- Hot-swappable design for easy integration of I/O boards

Specification

Video Input	
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	24.5W:115BTU
Environmental	
Operating Temperature	0–40°C
Storage Temperature	-20–60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.64 kg (1.41 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



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