

# VM7514/VM8514

## 4-Port HDBaseT Input/Output Board Quick Start Guide



MISC10000226  
03/2025 V3.0

### Package Contents

- |   |                     |
|---|---------------------|
| 1 VM7514 4-Port HDBaseT Input Board, or | 1 IR Transmitter    |
| 1 VM8514 4-Port HDBaseT Output Board    | 1 IR Receiver       |
| 4 Terminal Block Connectors             | 1 User Instructions |

### VM7514 Front View



### VM8514 Front View



## Hardware Review

### VM7514 Front View

1. HDBaseT Input Ports
2. IR Ports
3. RS-232 Ports
4. Status LED
5. HDBaseT Port LED

### VM8514 Front View

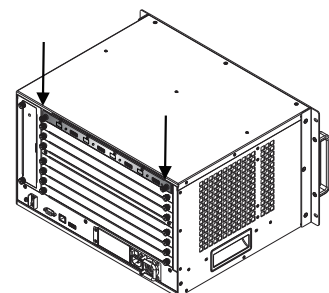
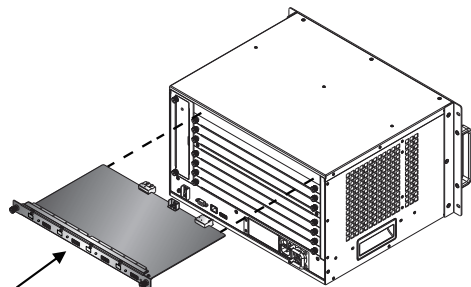
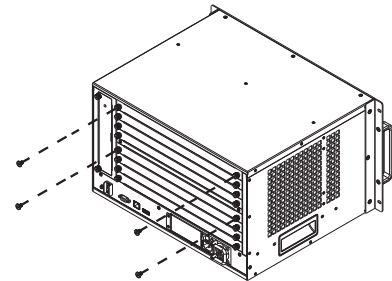
1. HDBaseT Output Ports
2. IR Ports
3. RS-232 Ports
4. Status LED
5. HDBaseT Port LED

**Note:** The HDBaseT Port LED lights orange to indicate there is no connection and lights green to indicate the system is receiving power.

## Hardware Setup

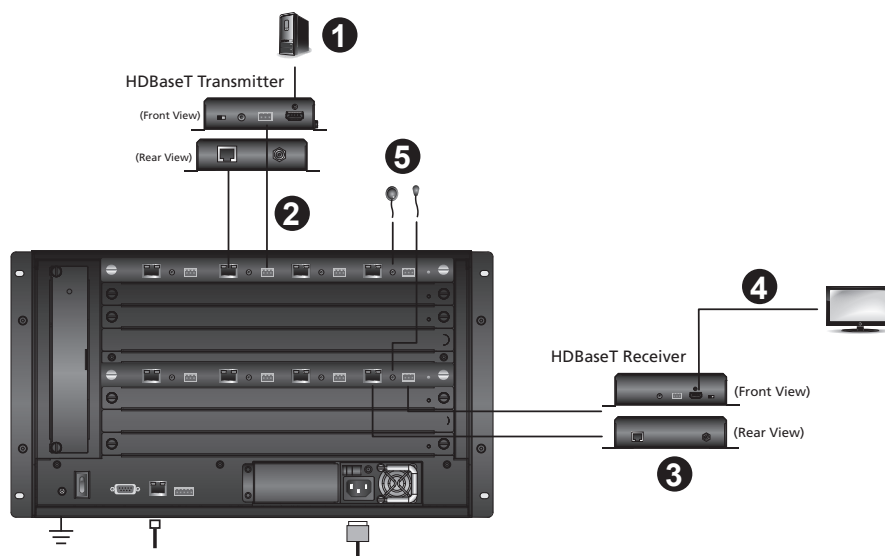
### I/O Board Installation

1. (Optional) Power off the Modular Matrix switch.  
**Note:** The VM1600 I/O boards are hot swappable.
2. On the rear of the VM1600 unscrew the two Phillips head screws and remove the back panel cover.  
**Note:** The four upper slots are for input boards; the four lower slots are for output boards.
3. Slide the I/O board into the open slot on the VM1600 until it secures in place.
4. Tighten the two screws on the I/O board to fasten it to the Modular Matrix switch, until it's secured to the unit.
5. Repeat the steps if you are installing additional I/O boards.
6. (Optional) Power on the Modular Matrix switch.



## Device Installation

1. Using HDMI Cable connect the video sources to the HDMI Input Port on the HDBaseT Transmitter.
2. Connect the RS-232 Port and HDBaseT Output Port on the HDBaseT Transmitter to the VM7514 HDBaseT Input Port and RS-232 Port.
3. Connect the RS-232 Port and HDBaseT Input Port on the HDBaseT Receiver to the VM8514 HDBaseT Output Port and RS-232 Port
4. Using HDMI Cable connect the display device to the HDMI Output Port on the HDBaseT Receiver.
5. Connect the IR transmitter/receiver to the IR port on the VM7514/VM8514.
6. (Optional) Power on the Modular Matrix Switch and all devices.



**Note:** To use the Seamless Switch™ and Video Wall functionalities, please check the firmware version of the VM8514 and VE805R are the most current available. To download the most up to date firmware for your device, visit the product's page on our website: [www.aten.com](http://www.aten.com).

### Important Notice

Considering environmental protection, ATEN does not provide a fully printed user manual for this product. If the information contained in the Quick Start Guide is not enough for you to configure and operate your product, please visit our website [www.aten.com](http://www.aten.com), and download the full user manual.

**Online Registration**  
<http://eservice.aten.com>

**Technical Phone Support**  
**International:**  
886-2-86926959

**North America:**  
1-888-999-ATEN  
Ext: 4988

**United Kingdom:**  
44-8-4481-58923



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The following contains information that relates to China:

| 有害物質成分表 |   |   |     |      |       |
|---------|---|---|-----|------|-------|
| 零件名稱    | 鉛 | 汞 | 六价鉻 | 多溴联苯 | 多溴二苯醚 |
| 電源零件    | ● | ○ | ○   | ○    | ○     |
| 結構零件    | ○ | ○ | ○   | ○    | ○     |

○: 表示该有害物質在该零件所有均质材料中的含量均在SJ/T 11363-2006规定的限量要求之下。

●: 表示符合欧盟的豁免条款, 但含有有害物質至少在零件的某一均质材料中的含量超出SJ/T 11363-2006的限量要求。

×: 表示该有害物質至少在零件的某一均质材料中的含量超出SJ/T 11363-2006的限量要求。



### EMC Information

#### FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

**CE Warning:** This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

**Suggestion:** Shielded twisted pair (STP) cables must be used with the unit to ensure compliance with FCC & CE standards.

All information, documentation, firmware, software utilities, and specifications contained in this package are subject to change without prior notification by the manufacturer. Please visit our website <http://www.aten.com/download/?cid=dds> for the most up-to-date versions.

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This product is RoHS compliant.