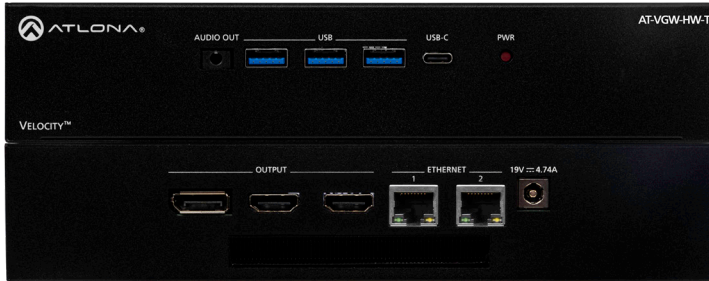# Velocity Hardware Gateway for AV Control, Room Scheduling, and Device Management
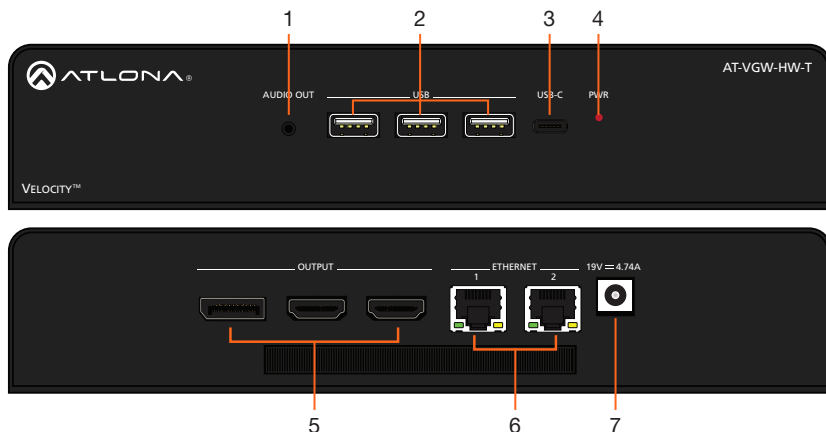AT-VGW-HW-T2



The Atlona AT-VGW-HW-T2 is a hardware gateway that serves as a centralized processor for Velocity™ AV control, room scheduling, and device management systems. The gateway serves up to 20 rooms for AV control and 40 rooms for scheduling. With a simple network connection and web browser to access the VGW-HW-T2, an integrator, tech manager, or technician can configure, deploy, and modify Velocity systems quickly, with no programming necessary. In addition to AV control, the VGW-HW-T2 gateway supports integration with popular calendar services such as Google Workspace™, Office 365™, Microsoft Exchange®, and Astra Schedule, allowing room status and schedules to be displayed on Velocity touch panels. The hardware gateway includes Velocity Device Manager, a powerful system integration resource for centralized configuration and management of Atlona devices over a network. The optional Velocity Premier Services – Remote Gateway (AT-VPS-RG) allows remote management of the gateway over the internet. The VGW-HW-T2 supports industry-standard, secure data communications, and features dual Gigabit Ethernet ports for isolating an AV device LAN from a facility or corporate network.

## Package Contents

1 x AT-VGW-T2
2 x Mounting plate
4 x Mounting screw
4 x Rubber feet

1 x Long rack ear
1 x Short rack ear
1 x Installation Guide

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## Panel Descriptions

AT-VGW-HW-T

ATLONA

AUDIO OUT    USB    USB-C    PWR

VELOCITY™

OUTPUT    ETHERNET    19V ⎓ 4.74A
1    2

**1    AUDIO OUT**
Future feature port, not usable at this time.

**2    USB**
Connect USB devices to these ports for use with a keyboard and mouse, or use a USB flash drive to obtain the IP addresses of the LAN ports.

**3    USB-C**
This port can be connected to a display or monitor to view device information, such as an IP address.

**4    PWR**
Recessed button for turning the device off or back on, if needed.

**5    OUTPUT**
Connect one of these ports to a monitor or display to view device information, such as IP address.

**6    ETHERNET**
Connect an Ethernet cable from one of these ports to the same network as the controlled devices.

**7    19V 4.74A**
Connect the included 19V power supply to this port for power.

**i** **NOTE:** Connect only one output port at a time. If multiple ports have been connected, the first HDMI port connected will take precedence.

## Mounting Instructions

The AT-VGW-HW-T can be mounted in different ways, based on the number of units that are being installed.  The AT-VGW-HW-T may also be mounted in a rack or on/under any flat surface.
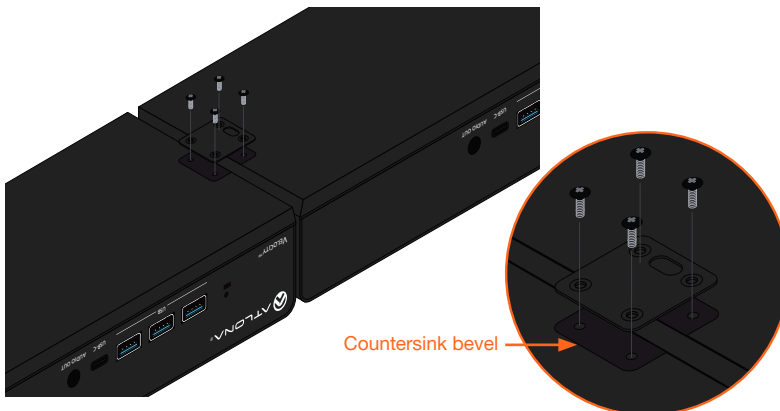
Single-unit rack installation

1    Attach the included small rack ear to one side of the AT-VGW-HW-T, using the included screws.

2    Attach the included longer rack ear to the opposite side of the AT-VGW-HW-T using the included screws.

Dual-unit rack installation

1    Turn both units upside-down on a flat surface, next to each other, as shown.

2    Position the included mounting plate over the pre-drilled holes on the bottom of the enclosure.  When attaching the mounting plate, the countersink bevels on the mounting plate should face upward.
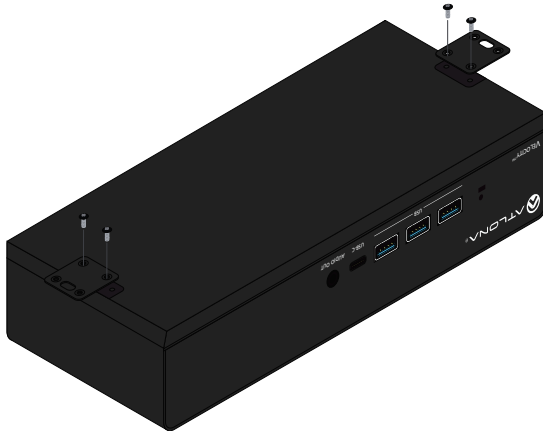
Countersink bevel

3    Turn the attached units over and install the included rack ears to one side of each enclosure using the included screws.



### Flat surface

1    Turn the unit upside down a flat surface.

2    Position the included mounting plates over the pre-drilled holes on the bottom of the enclosure.  When attaching mounting plates, the countersink bevels on the mounting plates should face upward.

3    Mount the unit using the circular holes, on each mounting plate.  If using a drywall surface, a #6 drywall screw is recommended.  Mounting screws are not included.



> **NOTE:** The unit can also be mounted under a flat surface, such as a table, by turning the unit upside down.

## Installation

1    Connect an Ethernet cable from the network to one of the Ethernet ports.

    a    Connect to Ethernet port 2 to obtain an IP address on a DHCP network (recommended)

    b    Connect to Etherent port 1 if no DHCP network is available. Ethernet port 1 is set to static IP by default. The default IP is 192.168.41.68

2    Connect included DC 19V power supply to this port and a power outlet.

## Velocity

The AT-VGW-HW-T acts as a server for Velocity, once connected to the network, it will be accessible through a computer on the same network.

1    Connect the HDMI, DisplayPort or USB-C to a display. The display will load a set up screen that will display the IPs of both Ethernet ports.

> **NOTE:** Connect only one output port at a time. If multiple ports have been connected, the first HDMI port connected will take precedence.

    a    Plug a USB flash drive into one of the USB ports on the gateway. After 10 seconds, remove the USB drive and plug it into a PC. Open the text file on the drive, it will have both Ethernet port IPs.

    b    Scan the network for the VGW-HW-T using an IP scanner.

2    Launch a web browser on a network computer and enter the IP address of the Ethernet port currently connected to the network or connect a mouse and keyboard to the VGW-HW-T. The Velocity **Setup** page will be displayed.

3    Follow the steps within the Velocity User manual to register and set up Velocity for use.

## Troubleshooting

| Problem | Cause | Solution |
| --- | --- | --- |
| I can't find my unit on the network and when I check the IP it shows 169.254.X.X. | Unable to locate DHCP server on the network. | • Check the network switch to ensure it is DHCP capable.<br><br>• Verify the cable is in good condition and the connections are secure at the VGW and the router.<br><br>• If a DHCP server is not available, connect Ethernet port 1 to the network. By default, port 1 will be set to static IP 192.168.41.68. |
| How do I find the IP of my gateway. | | • Connect to a display using the HDMI port. The IP will appear on the bottom right hand corner of the screen.<br><br>• Plug a USB flash drive into one of the USB ports on the gateway. After 10 seconds, remove the USB drive and plug it into a PC. Open the text file on the drive, it will have both Ethernet port IPs.<br><br>• Scan the network with an IP scanner. |

## Warranty

To view the product warranty, use the following link or QR code:

https://atlona.com/warranty/.

## English Declaration of Conformity

The English version can be found under the resources tab at:

https://atlona.com/product/vgw-hw-t/.

## Chinese Declaration of Conformity 中国RoHS合格声明

由SKU列出於:

https://atlona.com/about-us/china-rohs/.

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