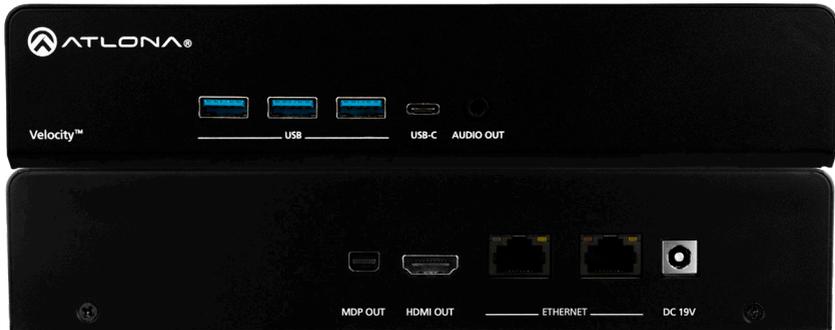## Velocity Gateway
AT-VGW-HW-3 and AT-VGW-HW-10

The Atlona AT-VGW-HW-3 and AT-VGW-HW-10 are Atlona Velocity™ System server gateways for AV system control, plus room scheduling and AV asset management. These gateways feature a compact enclosure that easily installs into a rack. With a simple network connection and web browser access, an integrator, tech manager, or technician can quickly begin configuration and deployment of AV control systems, room scheduling touch panels, and AV devices such as matrix switchers. Velocity VGW-HW server gateways support industry-standard, secure data communications, and feature dual Gigabit Ethernet ports for isolating an AV device LAN from a facility or corporate network. An innovative, network-based system architecture allows full redundancy and failover with two gateways in operation, maximizing AV system reliability while preventing downtime in mission-critical applications.
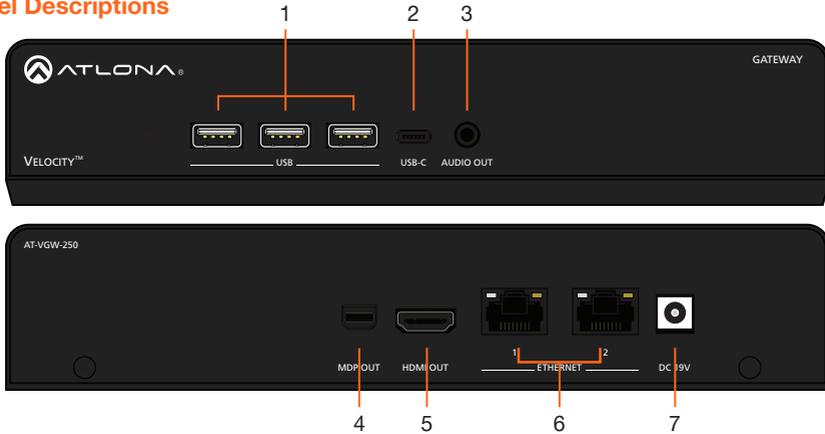
Package Contents

1 x AT-VGW-HW-3 or
    AT-VGW-HW-10
2 x Mounting plate
4 x Mounting screw

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

Panel Descriptions

1   **USB**
These ports are for future features and are not usable at this time.

2   **USB-C**
This port is for future features and is not usable at this time.

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

4   **MDP OUT**
Connect to a DisplayPort monitor to view device information, such as IP address.

5   **HDMI OUT**
Connect to an HDMI monitor or display to view device information, such as IP address.

6   **ETHERNET**
Connect an Ethernet cable from this port to the same network as the controlled devices.

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

Mounting Instructions

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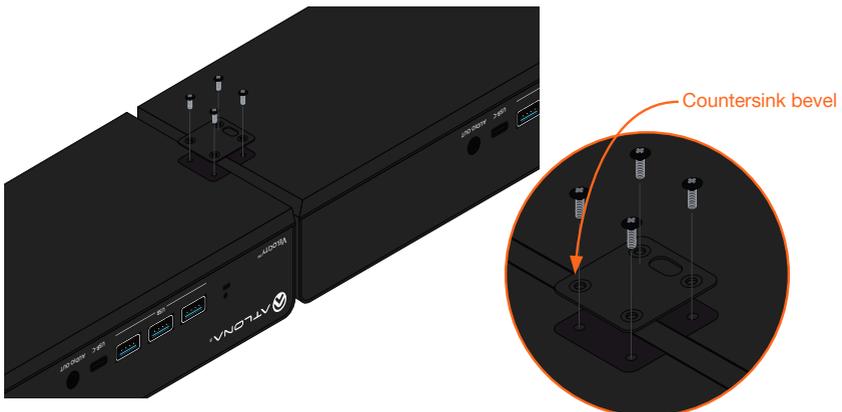
Single-unit rack installation

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

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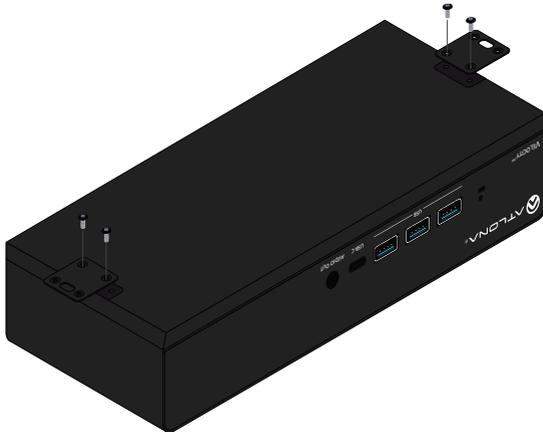

Countersink bevel

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

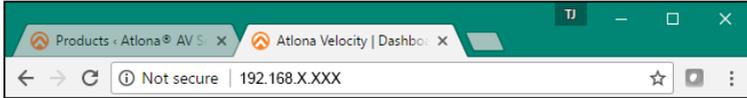The AT-VGW-HW acts as a server for Velocity, once connected to the network, it will be accessible through a computer on the same network.

1   Connect the HDMI or mini DisplayPort to a display. The display will load a splash screen that will display the device name, SKU, and IPs of both Ethernet ports.

   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.

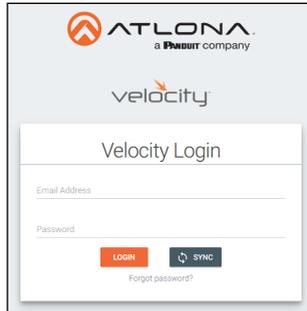   b   Scan the network for the VGW-HW using an IP scanner.

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2   Launch a web browser on a network computer and enter the IP address of the Ethernet port currently connected to the network.

3   The Velocity **Login** page will be displayed.

4   Enter the following information on the **Login** page.

Login: **admin**
Password: **admin**

5   Click the **Login** button.

6   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. • Verify the cable is in good condition and the connections are secure at the VGW and the router. • 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 or Mini DisplayPort. The IP will appear on the bottom right hand corner of the screen. • 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. • Scan the network with an IP scanner.
I can't find a power button on my gateway.	There is no power button or power commands.	• The unit will turn on automatically when receiving power. If the unit is off, check the power cable to ensure it is secure or verify the outlet by plugging another device into the same outlet. • If trying to reset the unit, it can be reset/restarted inside **Velocity** on the **Tools** page.

Version 1