

IP to IR Command Converter for Velocity Control System

AT-VCC-IR-KIT



The Atlona AT-VCC-IR-KIT is an accessory for the Atlona Velocity™ Control System that provides conversion from IP control commands to IR. This Velocity Control Converter is very compact and can be placed anywhere a device requires IR control. The VCC-IR-KIT is remotely powered through Power over Ethernet (PoE), or locally from a USB power source. The primary unit installs onto any surface via a convenient mounting dock. A simple “click” locks it into place for a secure, reliable installation. The IR adapter module includes three 3.5 mm ports for connecting the AT-VCC-IR-EMT emitters. Each port is independently addressable, allowing discrete IR control of three different AV devices.

Package Contents

1 x AT-VCC
1 x AT-VCC-IR

Operating Notes

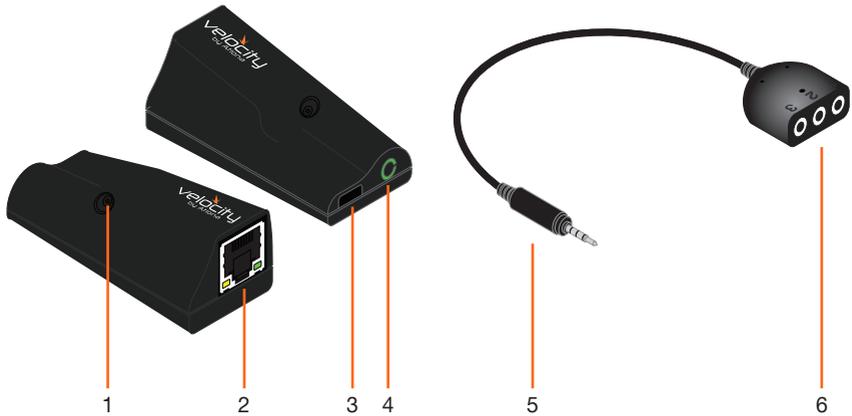
- The Velocity Command Converter must be on the same network as the Velocity Gateway (AT-VGW-250) or it will be unable to sync for control.
- The AT-VCC-IR-KIT is PoE, to power the unit, simply plug it into a PoE compatible network switch. If the network switch is not PoE capable, a PoE injector (purchased separately) or USB can be used.
- All devices (AT-VCC, Velocity, AT-VTP, switchers, etc) should be set to static IPs or the DHCP IP address reserved for each individual device.



IMPORTANT: Velocity Gateway (AT-VGW-250) must be set up before the AT-VCC-IR-KIT is fully functional.



Panel Description



1 IR Window

Use to learn IR commands from a device's IR remote control.

2 Ethernet

Connect an Ethernet cable from this port to the same network as the Velocity Gateway.

3 USB

Can be used to power the VCC when PoE is unavailable. Requires 5V DC @ 250mA (not supplied).

4 3.5mm Port

Connect to a VCC IR connector or optional IR emitter - AT-VCC-IR-EMIT (purchasable through atlonac.com).

5 3.5mm Connector

Connect the 3.5mm connector to the 3.5mm port of the VCC.

6 3 x 3.5mm Ports

Connect up to three 3.5mm IR receivers to the 3-3.5mm ports.

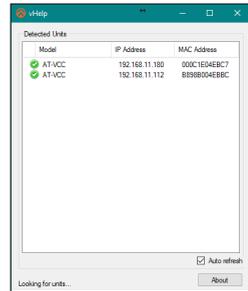
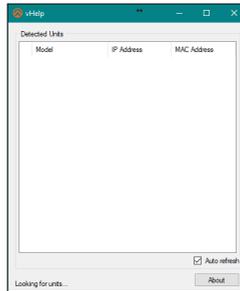
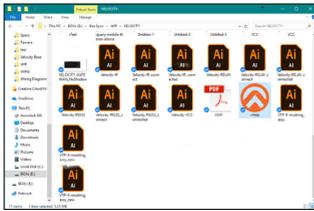
IP

The AT-VCC is set to DHCP by default. If the network does not support DHCP, it will automatically set the AT-VCC to the static IP of **192.168.1.70** after 30 seconds.

VHelp and webGUI

Velocity will find the VCC when scan network is used, but if the VCC needs to be set up off site first, the software VHelp can be used.

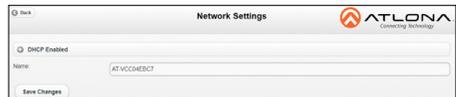
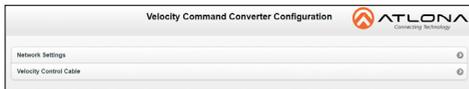
- 1 Connect the AT-VCC to a network switch (PoE is best if a PoE switch is not available, a power injector or mini USB to USB cable may be used).
- 2 Download VHelp from the resource tab of <http://atlonac.com/AT-VCC-IR-KIT>.
- 3 Unzip the file to the local PC
- 4 Double-click the VHelp executable to open the program. Vhelp will start discovery as soon as the program is opened.



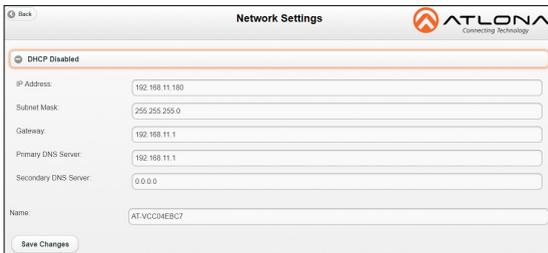
- Double click on the VCC (to determine the correct one, look on the bottom of the VCC for the MAC address). The PC default browser will open to the AT-VCC webGUI.



NOTE: It is best to use the webGUI to set up the static IP only, as set up in Velocity will override any settings selected in the VCC page of the webGUI.



- Select Network Settings to open the IP configuration page.
- Select the DHCP Enabled header, this will disable DHCP and allows IP settings to be edited.



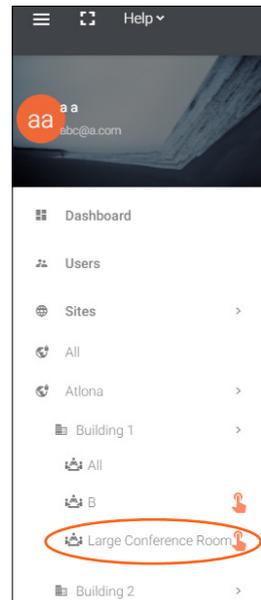
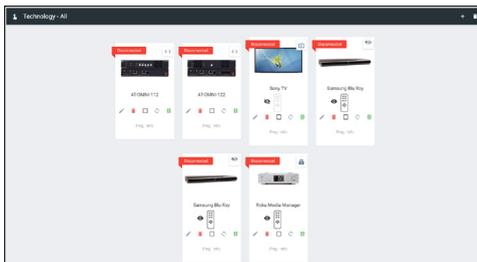
- Type in the IP details to match the network details of the Gateway. e.g. If the Velocity gateway is located at the IP of 192.168.12.15, then the VCC should be set to an IP within the 192.168.12.XXX range that has not already been used.

Installation and Set Up

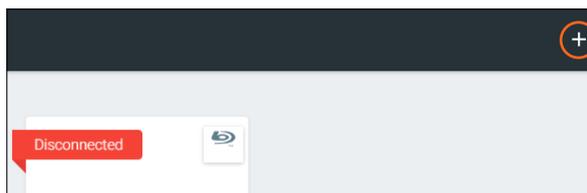


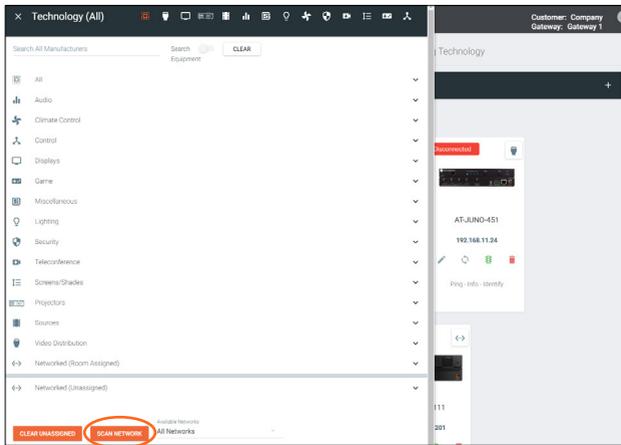
NOTE: Installation of the Velocity Command Converter can only be done after the VGW-250 has been set up. View the AT-VGW-250 Installation Guide and Velocity Manual for instructions.

- 1 Connect the IR tri-port or IR emitter into the 3.5mm port on the unit.
- 2 Connect the Ethernet connector into the front port of the VCC.
 - a If the Ethernet cable is connected to a non PoE switch, use a PoE injector (purchased separately) or a mini USB to USB cable to a USB port on a wall port or device that supports USB power.
- 3 Open any browser on the network and type in the IP address of Velocity.
- 4 Select the  button from the top left corner and select **Sites**.

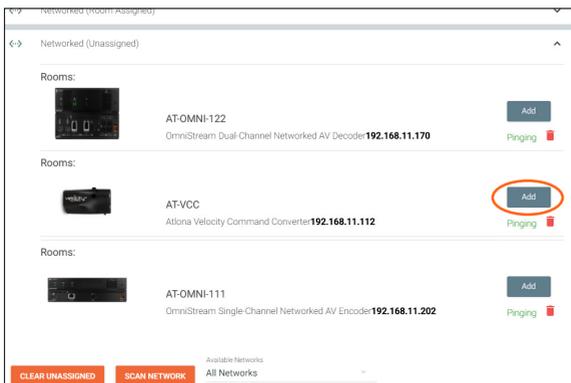


5. Select the building that corresponds with the room of the VCC.
- 6 Select the room the VCC is located in. A new screen will take over the window and display the technology in the room.
- 7 Select the + button located at the top right corner of the room. A new menu will open.





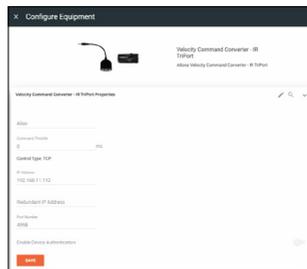
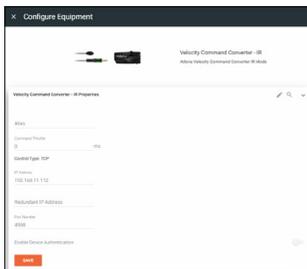
- 9 Press the scan network button. All Atlona devices found will appear in the unassigned list.
- 10 Select the Add button next to the VCC. A new pop up will appear.



- 11 Select the correct mode for the VCC.



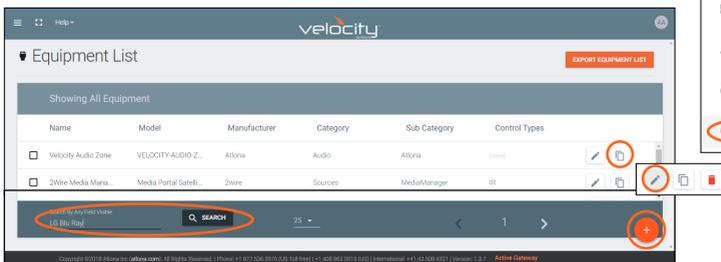
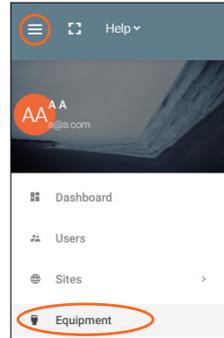
NOTE: AT-VCC-IR has two modes to select from: VCC IR and VCC IR Triport. Select the mode based on what function/device will be used.



IR Learning

The VCC IR has the ability to learn IR codes from a device's IR remote. Create equipment with IR control easier and without manually entering a list of IR command using the IR remote control with the VCC IR.

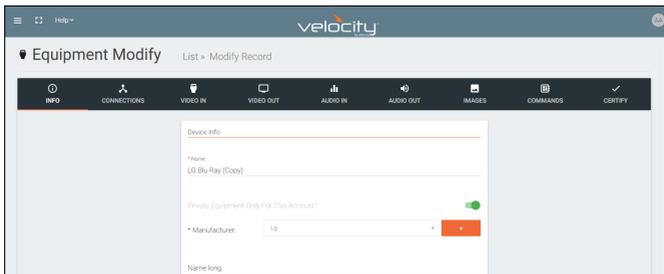
- 1 Open the Equipment List using the left ≡ navigation. A new screen will open.
- 2 Create a device to be added to the room. A new screen will open.
 - a Select the + button at the bottom of the page to create a new device.
 - b Search for and duplicate an existing similar driver to be edited.



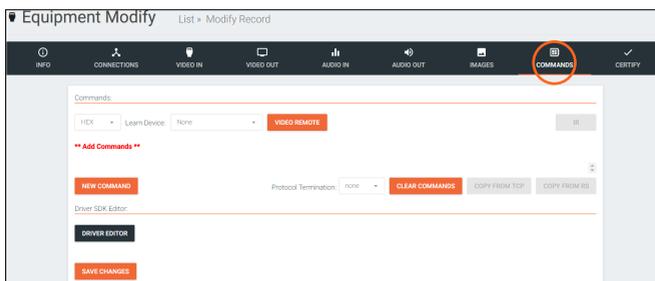
- 3 Fill in the device information (e.g. Name, manufacturer, etc).

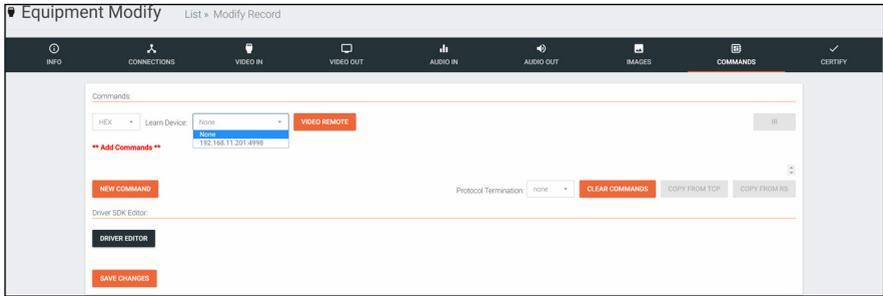


NOTE: If creating a new device the other tabs will need to be filled. Follow the directions within the Equipment section of the Velocity manual..

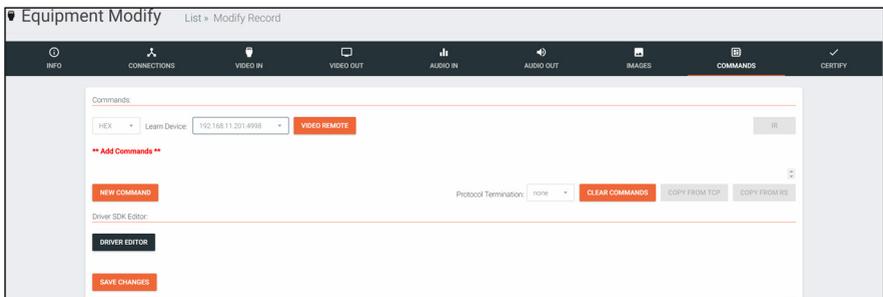


- 11 Select the commands tab from the top navigation.





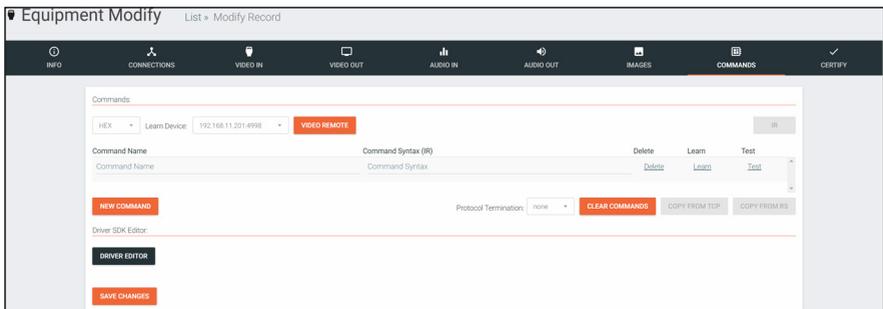
12 Select the IP of the VCC IR from the Learn Device drop down menu.



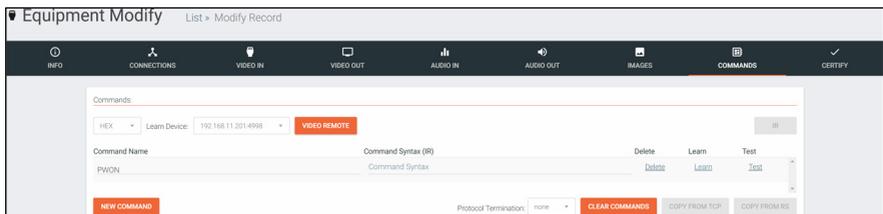
13 Press the NEW COMMAND button. A new line will appear above the button.



NOTE: If a device was duplicated, remove all the previous commands using the delete link.

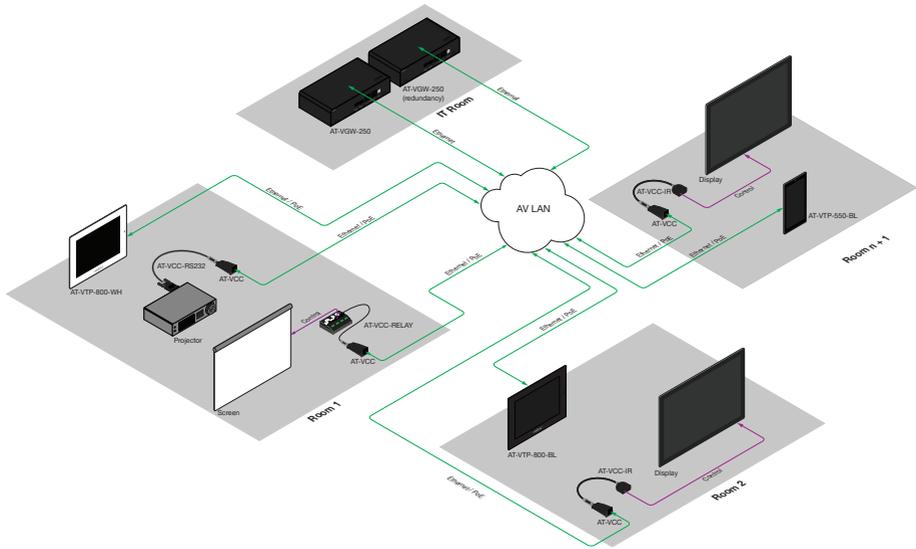


14 Fill in the command name of the button to be learned.





Connection Diagram





Notes:



Notes:

