CURVE

CURVE HUB
QUICK START GUIDE

v105

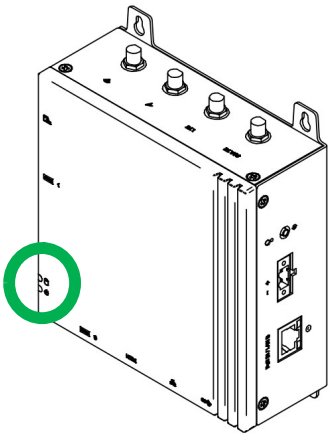
ANTEC controls by price

START UP

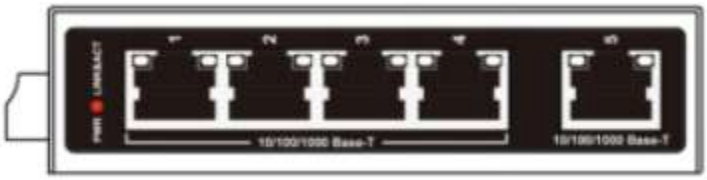
The following is a brief overview of the steps required to start up the Curve Hub and get it connected to the customer's local area/wide area network.

1. Mount and power the Curve Hub panel.

2. Verify LED power lights are illuminated on the Curve Hub.



3. Connect an ethernet cable from a computer to a free port on the ethernet switch.

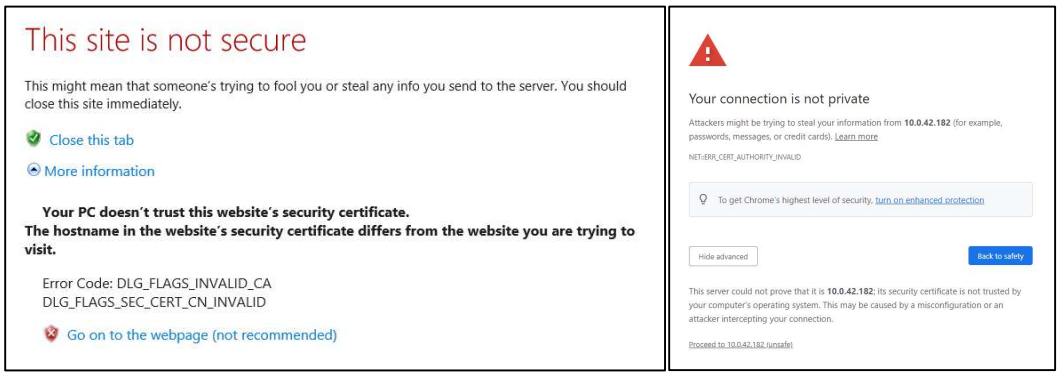


4. Configure the computer's IP address as follows:
   - IP address: 192.168.1.101
   - Subnet Mask: 255.255.255.0
   - Router/Default Gateway: 192.168.1.1

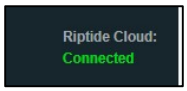
   NOTE: If the IP address for the Curve Hub was provided to the factory it will have shipped using the provided address, not the generic one.

5. Using a browser on the computer, log into the Curve Hub (https://192.168.1.100:5000) and enter the username and password. Please contact Applications@AntecControls.com if default username & password is not known.

If prompted to accept the security certificate, select Advanced > Go to Website.



6. On the left bar the hub should state it's Connected to the Cloud. If the status shows Disconnected review the steps outlined in the Troubleshooting section below.



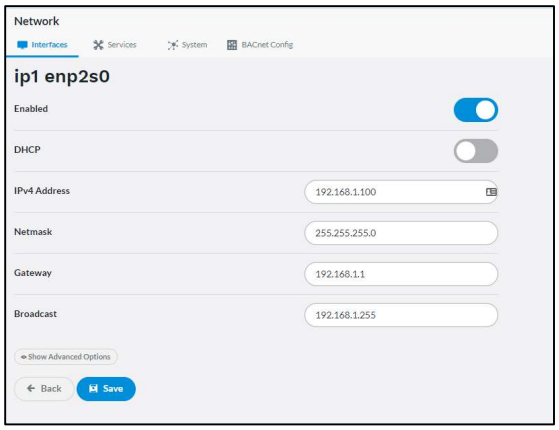
Configure IP Address and settings

1. If IP configurations were provided, these settings will be set by the factory before shipping the Curve Hub. If changes are required, follow these steps.

2. Select System > Network from the navigation bar.

3. Select IP interface (ip1).

4. Disable DHCP and configure the fields with the assigned IP address.



5. Select Save and Restart Now to exit the setup.

Configure DNS, NTP Server and System Time

1. Select System > Network > System from the navigation bar.

NOTE: If DHCP is used, Steps 2 and 4 can be skipped.

2. Enter one or more DNS/Nameservers or leave the default 8.8.8.8 and 8.8.4.4..
3. Select the appropriate time zone.
4. Enter the assigned NTP/ time server address or leave default of time.google.com.
5. Select save to apply settings.

TROUBLESHOOTING

The following is a brief troubleshooting guide if the Curve Hub is not connecting to the Curve Cloud.
You will need a laptop to perform these steps.

Display	Elements	Color	Status	Meaning
PWR	Device State	Green	Lights up	Supply voltage is on, Device is ready for operation
			None	Supply voltage is too low, Device is not ready for operation
LINK&ACT	Ports State	Green & Yellow	Lights up	Device detects a valid link
			Flashing	Device is transmitting
			None	Device detects an invalid or missing link

1. Verify that PWR and LINK&ACT lights are illuminated.
   a. If LINK light is not illuminated, check the ethernet cable is connected to the WAN switch.
   b. If ethernet is connected on both ends, try replacing the cable.

2. Set laptop IP address to an address on the same subnet as the Curve Hub.

3. Connect cable from the laptop directly to the Curve Hub.

4. Open a terminal/command prompt and ping the Curve Hub at the previously configured IP address.
   Ex. ping 192.168.1.100

5. Set laptop IP address to the address to the Curve Hub.

6. Disconnect the Curve Hub from the switch and connect the laptop to the same port the Curve Hub was connected to.

7. Open a terminal/command prompt and ping the assigned default gateway.
   a. If this fails, contact IT and verify the assigned network settings.

8. Open a terminal/command prompt and ping curve.anteccontrols.com
   a. If this fails, contact IT and verify the assigned DNS settings.

9. If you can ping the default gateway and curve.anteccontrols.com contact IT and verify the following ports are opened for outbound/egress:

	Destination	Protocol	Port	Purpose
Required Egress	Curve Cloud	MQTT	TCP/8883	Edge to Cloud Communication
Required Egress	Curve Cloud	SST	TCP/3199	Edge to Cloud Maintenance
Required Egress	Curve Cloud	HTTPS	TCP/443	Edge to Cloud Software Updates
Required Egress	Configurable	DNS	UDP/53	Name Resolution
Required Egress	Configurable	NTP	UDP/123	Time Synchronization
Important Egress	Protocol Specific	HTTPS	TCP/80	May be required for third party services like NOAA for weather information