

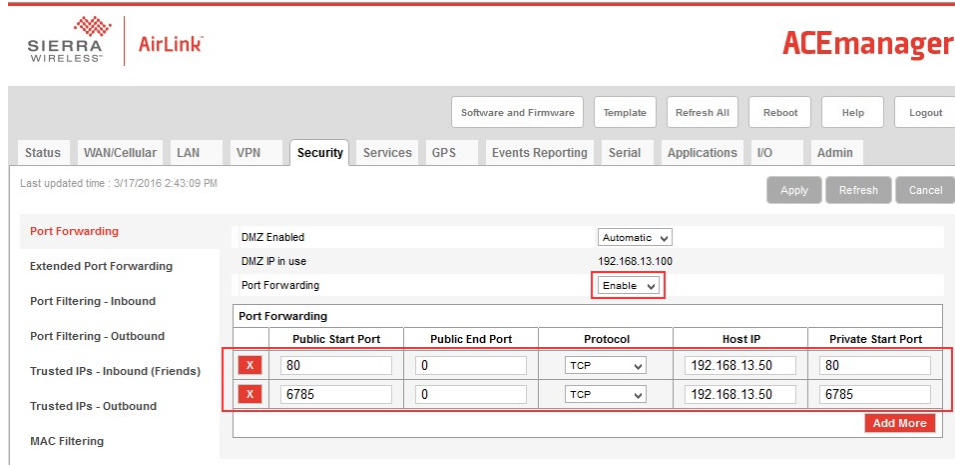


Using the RV50(X) to communicate with the MeteoPV

CAUTION:

Accessing the onboard user interface via a web browser will use a large amount of cellular data. It is common to use LoggerNet or Device Configuration Utility to communicate with the MeteoPV when using the RV50(X).

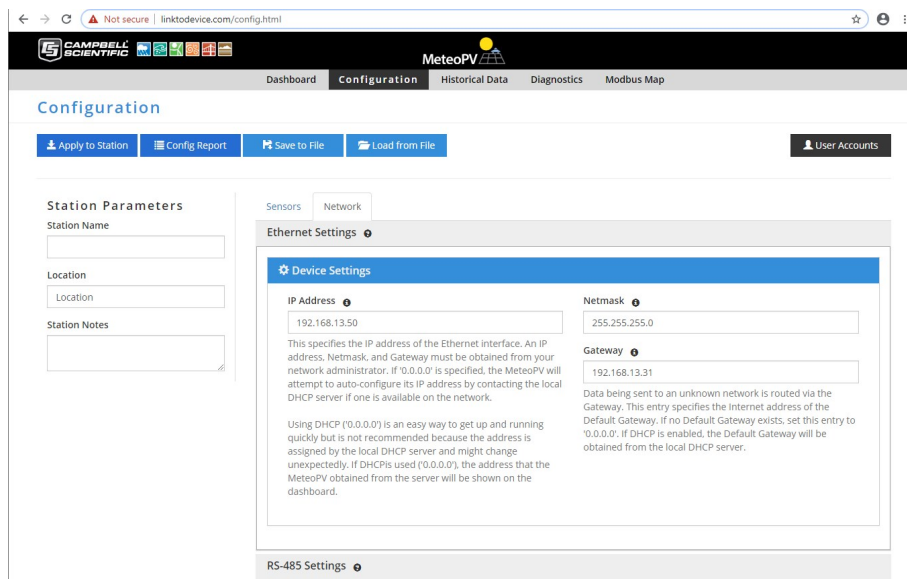
The following example can be used to communicate with a MeteoPV via the RV50(X) **Ethernet** port. Port forwarding in the RV50(X) must be enabled and specific ports need to be forwarded to the MeteoPV (in this case ports 80 and 6785). Additional ports can be configured as needed. The host IP address 192.168.13.50 specified in the figure below is the IP address of the MeteoPV.



The screenshot shows the ACEmanager interface with the 'Security' tab selected. Under 'Port Forwarding', the 'Port Forwarding' dropdown is set to 'Enable'. A table lists two port forwarding rules:

	Public Start Port	Public End Port	Protocol	Host IP	Private Start Port
Trusted IPs - Inbound (Friends)	80	0	TCP	192.168.13.50	80
Trusted IPs - Outbound	6785	0	TCP	192.168.13.50	6785

For this example, a static IP Address, Subnet Mask, IP Gateway, and DNS Server are configured in the MeteoPV as shown in the figure below. The example MeteoPV IP address of 192.168.13.50 is the same address used in the RV50(X) port forwarding configured previously.



The screenshot shows the MeteoPV configuration interface with the 'Network' tab selected. Under 'Ethernet Settings', the 'Device Settings' section is expanded, showing the following configuration:

- IP Address:** 192.168.13.50
- Netmask:** 255.255.255.0
- Gateway:** 192.168.13.31

Below the settings, there is explanatory text: "This specifies the IP address of the Ethernet interface. An IP address, Netmask, and Gateway must be obtained from your network administrator. If 0.0.0.0 is specified, the MeteoPV will attempt to auto-configure its IP address by contacting the local DHCP server if one is available on the network." and "Using DHCP (0.0.0.0) is an easy way to get up and running quickly but is not recommended because the address is assigned by the local DHCP server and might change unexpectedly. If DHCP is used (0.0.0.0), the address that the MeteoPV obtained from the server will be shown on the dashboard."

Once the RV50(X) and MeteoPV have been configured and the RV50(X) has been rebooted, you can communicate with the MeteoPV via LoggerNet or Device Configuration Utility using the public IP address of the RV50(X) and port 6785.

In LoggerNet or Device Configuration Utility, use a CR300 device type.