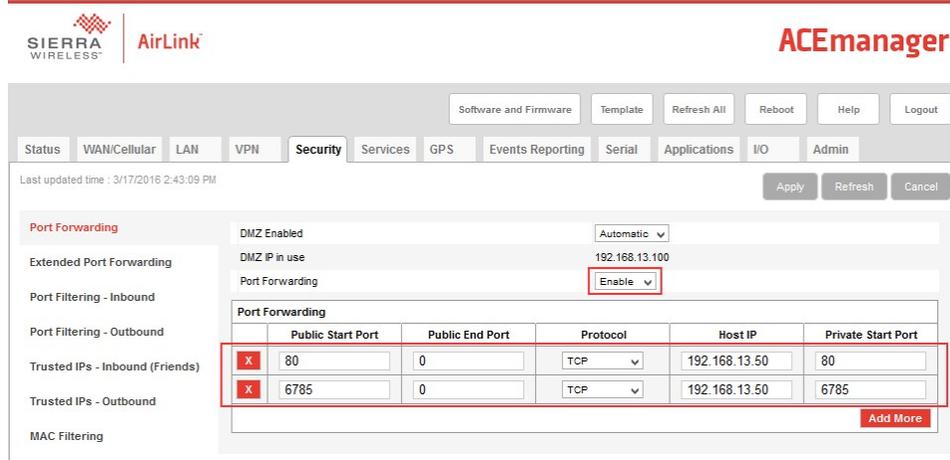


Using the RV50(X) to communicate with the MeteoPV

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.



SIERRA WIRELESS | AirLink | ACEmanager

Software and Firmware | Template | Refresh All | Reboot | Help | Logout

Status | WAN/Cellular | LAN | VPN | **Security** | Services | GPS | Events Reporting | Serial | Applications | I/O | Admin

Last updated time : 3/17/2016 2:43:09 PM

Apply | Refresh | Cancel

Port Forwarding

DMZ Enabled: Automatic

Extended Port Forwarding: DMZ IP in use: 192.168.13.100

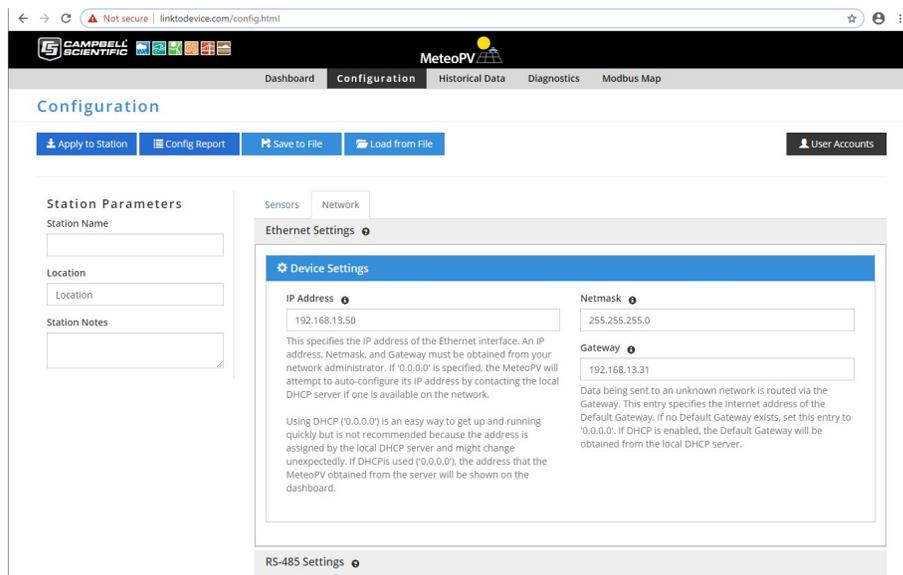
Port Forwarding: Enable

Port Forwarding					
	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

MAC Filtering

Add More

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.



linkto device.com/config.html

CAMPBELL SCIENTIFIC | MeteoPV

Dashboard | **Configuration** | Historical Data | Diagnostics | Modbus Map

Apply to Station | Config Report | Save to File | Load from File | User Accounts

Station Parameters

Station Name:

Location:

Station Notes:

Sensors | **Network**

Ethernet Settings

Device Settings

IP Address: 192.168.13.50

Netmask: 255.255.255.0

Gateway: 192.168.13.31

RS-485 Settings

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.