



PQube® AC/DC Power Monitor

Embedded power quality and energy/carbon monitoring

Get accurate timing for your PQube without Ethernet access using GPS

You have a PQube and need to synchronize the clock to a NTP server, but you do not have access to an Internet connection. What should you do?

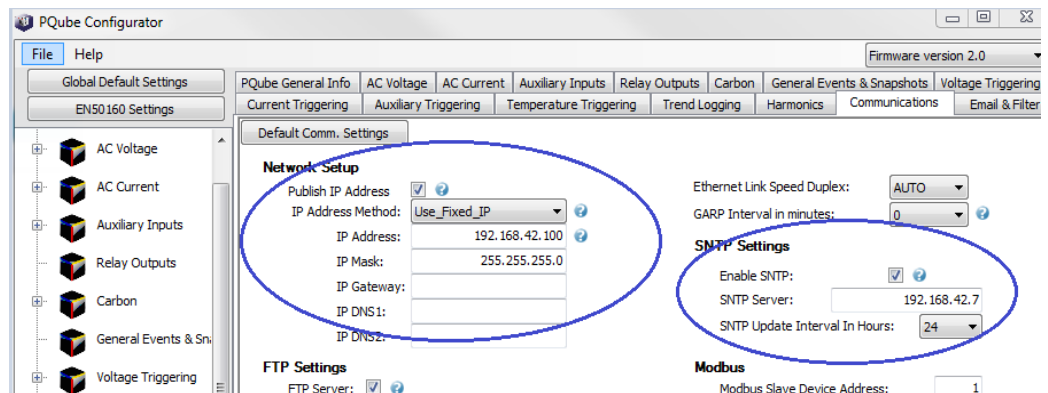
Use a TIMENET GPS NTP Time Server.

Simply connect your PQube's Ethernet module (ETH1 or CTE1) to the TIMENET GPS NTP Time Server, and place the antenna in a location suitable for satellite reception. TIMENET receives the reference time directly from the GPS satellite system, and your PQube uses this information to maintain sub-microsecond timing accuracy.

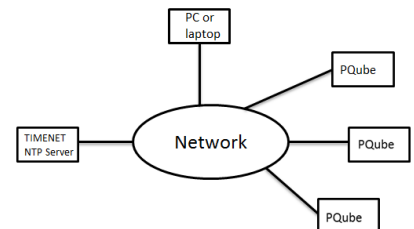


Setting up your PQube and TIMENET GPS NTP Time Server.

- Your PQube must have an ETH1 or CTE1 module plugged in.
- Install the TIMENET GPS NTP Server, preferably with the antenna outdoors in clear view of the sky.
- Refer to the TIMENET Quick Start Guide on how to install and configure your TIMENET GPS NTP Time Server, <http://www.veracityglobal.com/media/38261/timenet%20quickstart%20guide%202012%20v1%20web.pdf>, or contact Veracity, <http://www.veracityglobal.com/products/networked-video-integration/timenet.aspx>.
- Connect your PC to the TIMENET GPS NTP Time Server using an Ethernet cable, and log into the Server's configuration page with your web browser. The default IP address of the TIMENET GPS NTP Time Server is **192.168.42.7**, password is **admin**. Note that your PC must be on the same subnet of the TIMENET GPS NTP Time Server.
- On your PQube, configure a fixed IP address in the same subnet of the TIMENET GPS NTP Time Server, IP Mask, enable SNTP and enter the TIMENET GPS NTP Time Server's IP address as the SNTP Server.



Want to synchronize clocking on multiple PQubes? Simply connect your PQubes to the TIMENET GPS NTP Time Server across a network switch or hub. You will need to configure each PQube's IP address, IP Mask, enable SNTP and enter the TIMENET GSP NTP Time Server's IP address as the SNTP Server IP address.



Questions? Contact us at support@powerstandards.com