

Configuring a Q330 Data Logger



There are basically five cables you should be concerned with when setting up the Q330: two sensor cables, one power cable, one network (QNET) cable and one GPS antenna cable. Fortunately, these cables are not interchangeable and it's fairly obvious where each go. See Fig. 1.



Figure 1

The sensor cables connect to one triaxial Episensor or a sensor hub which connects three uniaxial Episensors together. You will want to keep track of which sensors connect to the A or B ports. See Fig. 2.



Figure 2



Figure 3

The power cable (Fig. 4) connects to the port labeled power (Fig. 3). The Q330s can be powered via AC power using the adapter or DC power using the battery boxes. Regardless, the cable interface is exactly the same on the Q330 end.



Figure 4

The network cable (see Fig. 5) connects into the QNET port (see Fig. 3). The other end is a standard RJ-45 connection for easy integration into any network or wireless adapter. (The wireless adapters are installed inside the battery boxes)



Figure 5

The GPS antenna cable is extremely thin and is connected to the GPS antenna on one end. Please note that this does not connect into the external GPS port. This particular antenna simply extends the range of the internal GPS device.