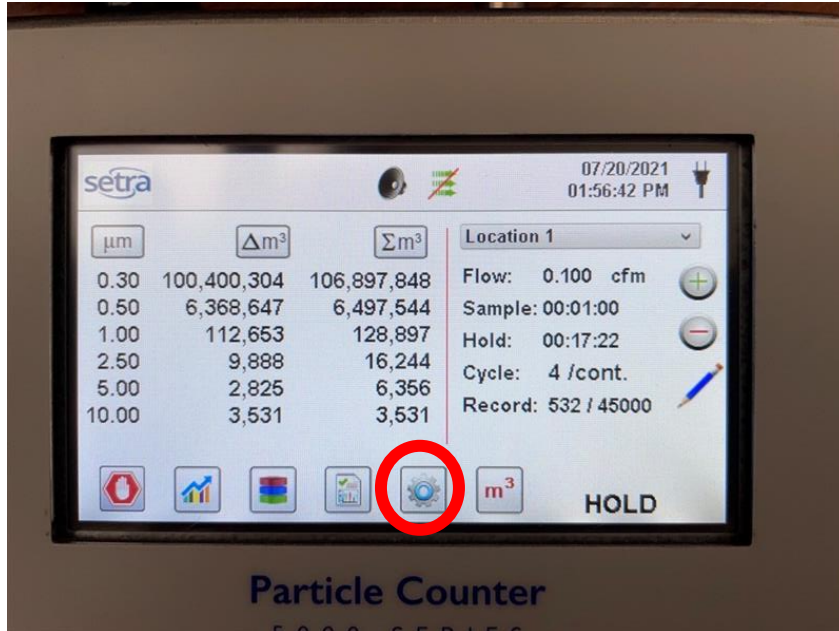
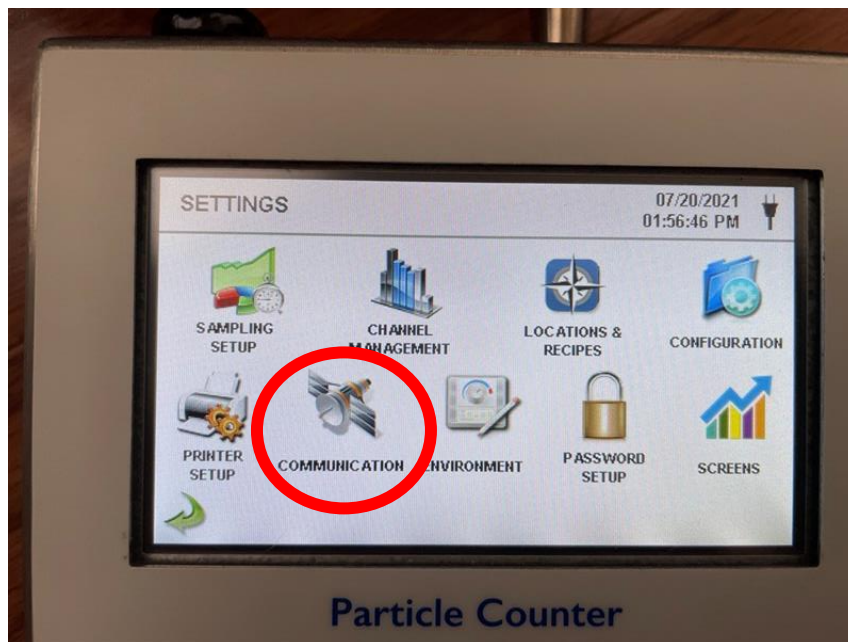


# Setra CEMS Helpful Procedures: SPC Modbus TCP Configuration

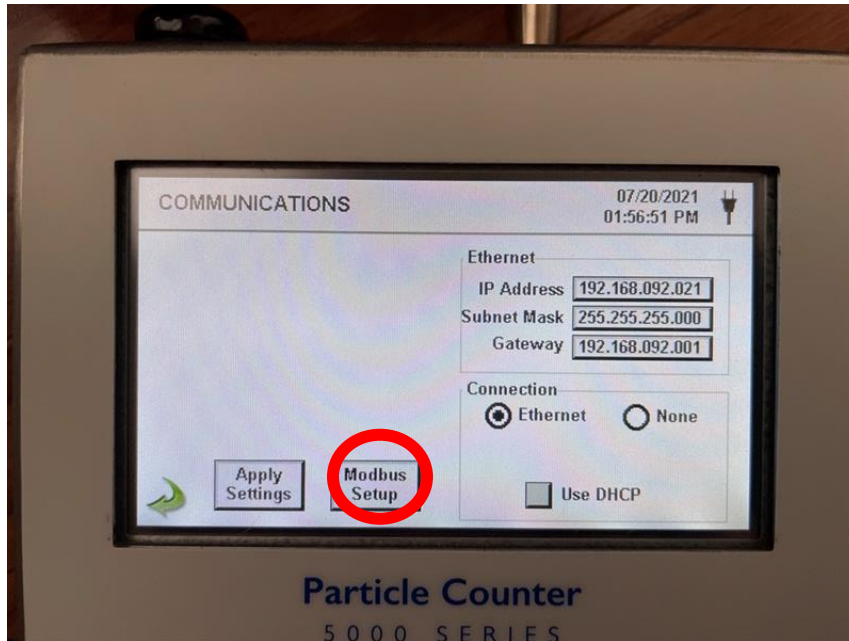
1. Below is a typical home screen for the particle counter



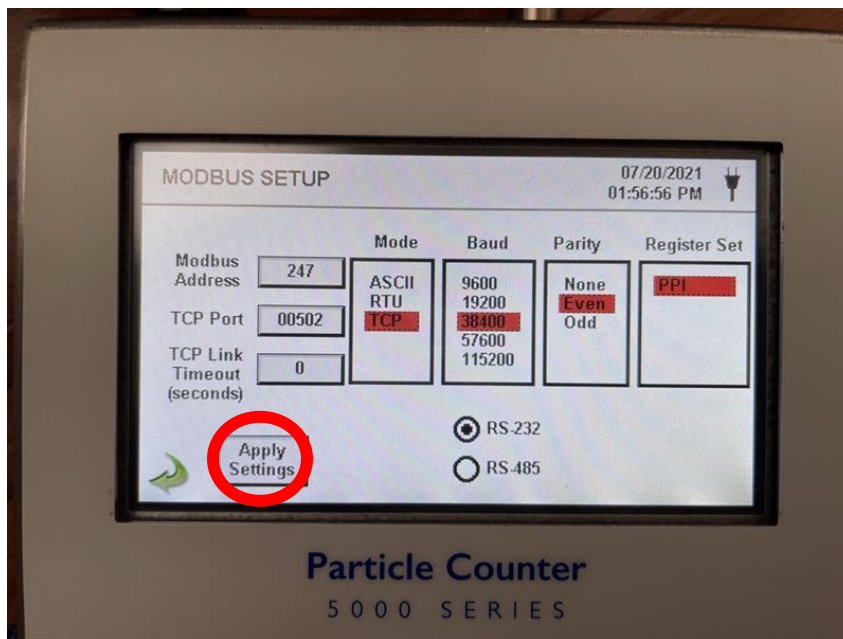
1. Click the settings cog (circled in red)
2. Below is the settings tab



3. Click the communications tab (circled in red)
4. Below is the communications tab



5. IMPORTANT to check how things are connected. Is there an ethernet cable and a power cable? If yes, proceed with steps 6 -12.
6. Make sure Use DHCP is unchecked.
7. Enter in correct IP Address/Subnet Mask/Gateway (making sure the IP addresses for each particle counter are unique and in the correct subnetwork for your setup)
8. Click Modbus Setup (circled in red)
9. Below is the Modbus setup tab



10. Mode needs to be set to **TCP**

- a. **\*\*NOTE** Baud, Parity and RS-232 or RS-485 are not used if TCP is selected
11. TCP port needs to be set at **00502**
  12. Modbus Address needs to be set at **247**
  13. Once done, click Apply Settings (circled in red)