Configuring ESC 8832 for TREX

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What I use

• E-DAS Ambient software
• ESC 8832 Datalogger
  – Ethernet ready
• Static IP address
  – Obtain from ISP
• Router
  – At least four ports
• Network interface card
What to configure

• Set up site info in E-DAS software
  – Use ethernet and assign local address
    • For example 192.168.1.101

• Configure router for static IP
  – ISP will provide
    • IP Address, subnet mask, default gateway, static DNS 1, static DNS 2

• Check datalogger IP address
Use local IP address
Setup Static IP on Router
Configure Datalogger IP Address
Considerations

• Need to build strings and configure IP address by logging into ESC 8832
• IP address in datalogger should be the same as the site information in the EDAS software
• Earlier 8832’s will need to be configured
  – Request chip from vendor
• Agilaire support maintenance is probably required to get technical assistance
Benefits

• No need for Meteostar to add their datalogger to your network
• No site visit needed
• Once your network is configured, you can remotely access your datalogger
• Also, utilize remote desktop connection
• Will be able to poll your data using the ethernet
Assumptions

• Internet connection at site (no dial ups)
• Not behind tribal firewall
• Have some networking experience
• Polling computer is an XP machine
• All necessary ports are open
• Site has been accepted into the TREX network
Other Considerations

- Biggest cost is the datalogger and software maintenance fee
- ISPs charge for static IP address
- TREX might help with costs but using their hardware and software
- TREX has many functions
- Only use to share data on their website