# How do I configure a static IP address?

May disrupt network-wide traffic. Do not attempt to configure a static IP address without knowledge of specific network information and access to gateway/router! Any incorrect settings can disrupt internet access for the whole network.

Changing the Hostname setting will revoke remote access through the proxy-server. Please contact eGauge support to request hostname changes if the proxy server is used for remote access.

It is impossible to enter a static IP address without specific details from a network administrator who manages and has access to the network gateway/router. eGauge support cannot provide these details.
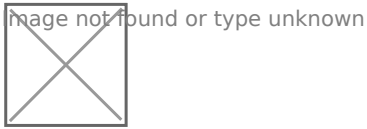
Enter valid Name server entries. If invalid or no name servers are entered, remote access over the proxy server will be unavailable as well as firmware upgrades. If valid Name servers are not known, you may enter Google Public DNS (8.8.8.8 and 8.8.4.4) and/or Cloudflare public DNS (1.1.1.1 and 1.0.0.1).

If in doubt, a static IP address is most likely not required. eGauge support can assist with setting a static IP address, but cannot guarantee that the values used in that address are correct for the network. Please refer to the document below for additional information and step by step instructions.

The eGauge by default comes configured for DHCP. If the eGauge is unable to obtain a DHCP address from the network, it will default to 192.168.1.88. Thus, it is possible to connect to the eGauge directly from a laptop or computer. To do this, connect a computer to the eGauge via HomePlug or direct Ethernet, configure the computer with an IP address of 192.168.1.11, and direct a browser to http://192.168.1.88 to access the eGauge interface. More information on connecting directly is available here.

# Configuration

A static IP address may be configured in **Settings -> Network Settings**. Default password information can be found in [this knowledgebase article](#). The following example shows a device configured with an IP of 10.1.10.23:



Every entry needs to be entered correctly for network functionality. Any Incorrect setting can disrupt all network traffic and make the eGauge inaccessible remotely and locally.

Other services such as BACnet can be disrupted if certain values such as the Broadcast address is incorrect.

The **Network** and **broadcast address** values can be calculated from the IP address and netmask, using a subnet calculator tool.

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Please visit [kb.egauge.net](http://kb.egauge.net) for the most up-to-date documentation.