**Quick Start Guide**
00825-0300-2020, Rev AA
March 2022
ECO-5008259

# Configure a File Transfer Protocol (FTP) Data Port Range

## With Rosemount MON2020

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# 1 Configure a file transfer protocol (FTP) data port range

When gas chromatographs (GCs) are installed behind a router through port forwarding, it can be useful to configure an FTP data port range. With this feature, GCs will be differentiated by their ports, but will have the same Internet protocol (IP) address.

**Note**
This feature has been added to Rosemount 370XA, 700XA, and 1500XA GCs with firmware version 4.1.1 or newer.

If using port forwarding (for example, if the GC is connected behind a cellular router), set the FTP data port range when Rosemount is connected locally to a GC with a DHCP connection.

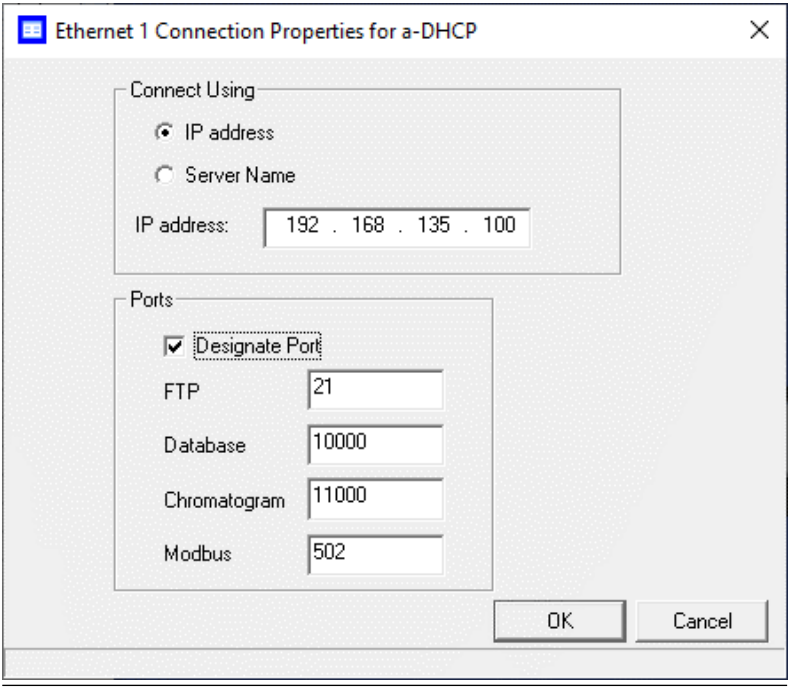
This feature will only be enabled if:

- Rosemount is connected to a GC.
- The user logged into Rosemount has admin rights.
- The **Security** switch is unlocked.
- The **Designate Port** option is selected.

### Prerequisites

Make sure the **Designate Port** option is selected in the ***Ethernet 1 Connection Properties for a DHCP*** dialog.

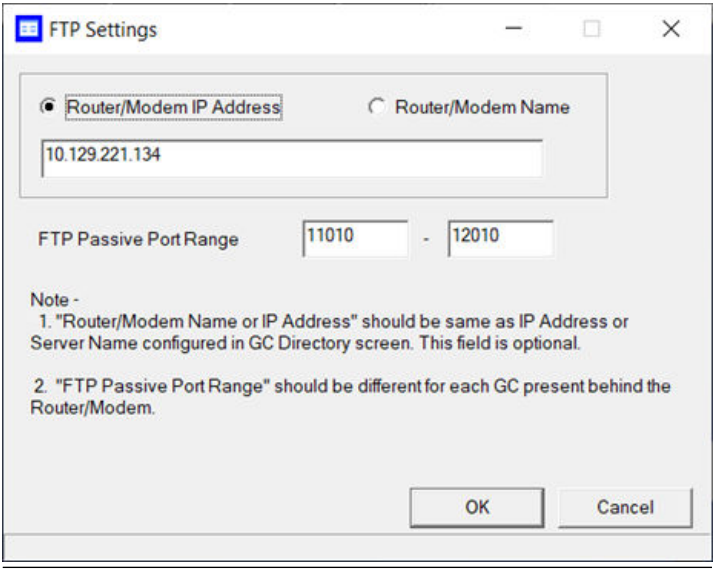
**Figure 1-1: Ethernet 1 Connection Properties for a DHCP dialog**



### Procedure

1. Go to **Application** → **FTP Settings**.
   The ***FTP Settings*** dialog opens.

**Figure 1-2: FTP Settings dialog**




2. Optionally, select **Router/Modem IP Address** or **Router/Modem Name** and enter the IP address or name in the appropriate field.

   In most cases, you can leave this setting as default and leave the field blank.

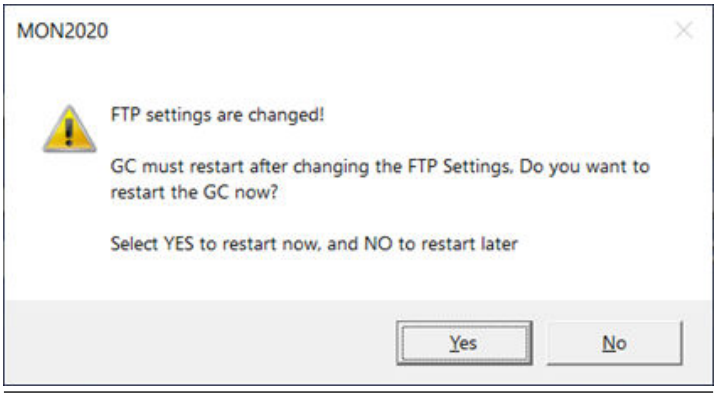
3. Enter numbers in the **FTP Passive Port Range** fields.

**Important**
The numbers in these fields must be different for each GC installed behind the router or modem.

The total port range is 1024 to 65535. Each GC must have a minimum range of five ports.

4. Click **OK**.
   Rosemount displays the following message:

**Figure 1-3: Rosemount message**




5. Click **Yes** to reboot the GC. Click **No** to save the FTP settings and restart the GC later.

Once you have configured the FTP data port range, you can access it remotely through port forwarding. If you change the FTP port data range, you will also need to change the port forwarding settings accordingly.

### Postrequisites

If you change the FTP port data range, you will also need to change the port forwarding settings accordingly.

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