**Quick Start Guide** 

00825-0300-2020, Rev AA March 2022 ECO-5008259

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

With Rosemount MON2020



ROSEMOUNT

# 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

Ethernet 1 Connection Properties for a-DHCP	×
Connect Using IP address C Server Name IP address: 192 . 168 . 135 . 100	
Ports   Image: Designate Port   FTP 21   Database 10000   Chromatogram 11000   Modbus 502	
ОК	Cancel

### Procedure

1. Go to Application  $\rightarrow$  FTP Settings. The FTP Settings dialog opens.

# Figure 1-2: FTP Settings dialog

Router/Modem IP Addres	s C	Router/Mo	odem Nai	me	
10.129.221.134					
FTP Passive Port Range	11010	- 120	010		
Note - 1. "Router/Modem Name or II Server Name configured in GC	P Address" shou Directory scree	Ild be san en. This fie	ne as IP A Id is optic	Address or onal.	
Note - 1. "Router/Modem Name or I Server Name configured in GC 2. "FTP Passive Port Range" Router/Modem.	P Address" shou Directory scree should be differ	IId be san In. This fie ent for ead	ne as IP A Id is optic ch GC pre	Address or onal. esent behin	d the

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

MON202	0	×
<u>^</u>	FTP settings are changed!	
_	GC must restart after changing the FTP Settings. Do you want to restart the GC now?	
	Select YES to restart now, and NO to restart later	
	Yes No	1

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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