

**Embedded Web-based Interface
Supplemental Manual**

**AMF Series
Mass Flow Controllers & Meters
with EtherNet/IP™**

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Models Affected

All AMF models.

Summary

This manual is specific to the built-in web interface on AMF Series Ethernet/IP devices. It is recommended to review the Installation and Operation Manual (IOM) for the AMF Series and the Supplemental Manual for Ethernet/IP.

The embedded web interface on the AMF Series Ethernet/IP devices is a powerful tool that can be utilized locally using an ethernet cable or remotely via the local area network. It allows reviewing and editing settings such as protocol addressing, alarm and warning thresholds, and more. The device can be controlled through the web interface as well. With the control level login credentials, you can change the active gas page, read the flow signal, give a controller a setpoint or perform a valve override among other features.

You can connect to the AMF device using a standard ethernet cable connected to the ethernet adapter on your computer (or a USB-Ethernet adapter connected to your computer), using a web browser (i.e. Chrome). If encountering connectivity issues with your device, refer to the following related knowledge base articles on the Brooks Instrument website.

Related Knowledge Base Articles:

[Changing IP Address using Built-in Web Interface](#)

[SLA Ethernet/IP and PROFINET – Finding the IP Address of a Device when the Value is Unknown](#)

Initiating Communications through the Web Browser

By default, AMF Series EtherNet/IP™ MFC is shipped with Dynamic Host Configuration Protocol (DHCP) enabled. If no DHCP server is available on the network, the device defaults to the following TCP/IP connections settings:

IP Address: 192.168.1.100
NET Mask: 255.255.255.0
Gateway Address: 0.0.0.0
DNS1: 0.0.0.0
DNS2: 0.0.0.0
Domain Name: brooks
Host Name: AMF

To configure the Brooks device using a web browser, connect it to a network or PC that is configured with the same subnet as the device (192.168.1.xxx).

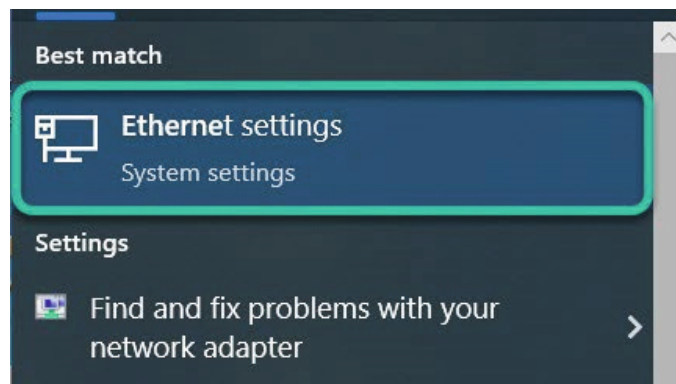
By default, most PC Network adapters are configured for DHCP. DHCP is a network management protocol that automatically configures IP addresses and communication parameters of network devices and is widely used in corporate or public networks.

In industrial control networks, the network settings of the client devices should always be static, meaning that they are not set dynamically by DHCP.

A direct connection to a PC will require a private network between the two devices. In that case, there is no DHCP server assigning addresses on this network, so the PC network card settings will need to be changed manually.

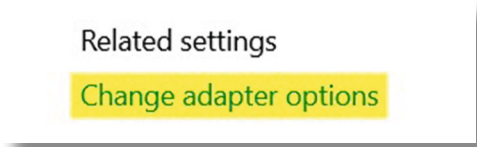
The following steps will detail how to configure the network adapter on a windows PC for static settings so that it can communicate with the AMF and utilize the embedded web interface.

On the PC, tap the Windows Key and begin typing “Ethernet” until you see the “Ethernet settings” result. Click on it to open the settings.

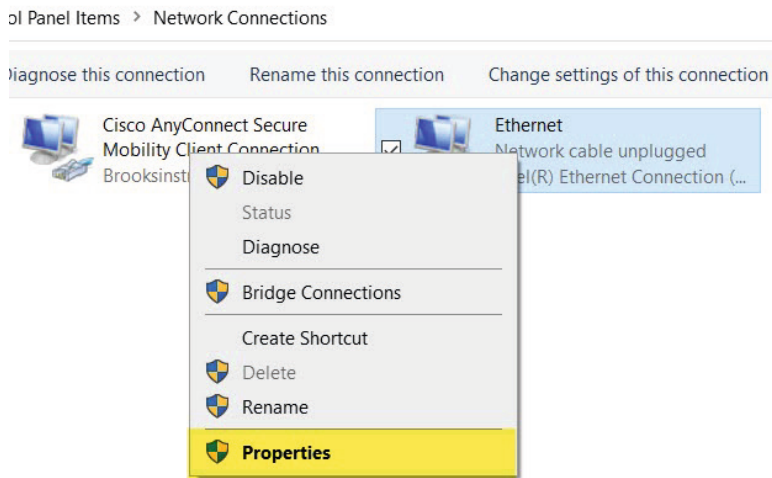


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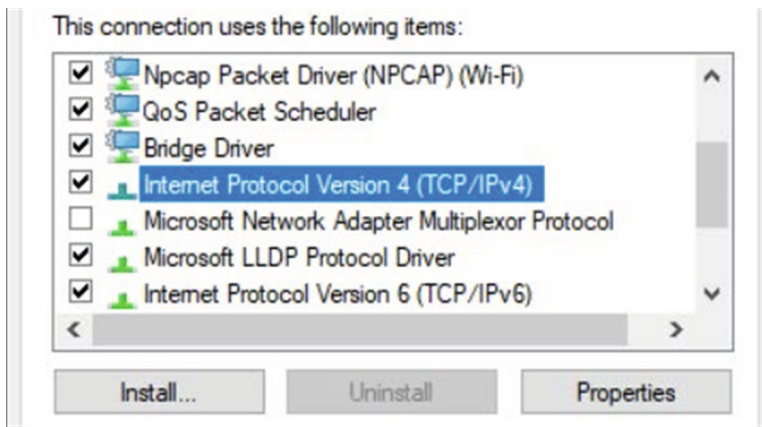
Choose “Change adapter options” in the upper right of the window that loads.



Then, right-click on the adapter you are using and choose “Properties”.

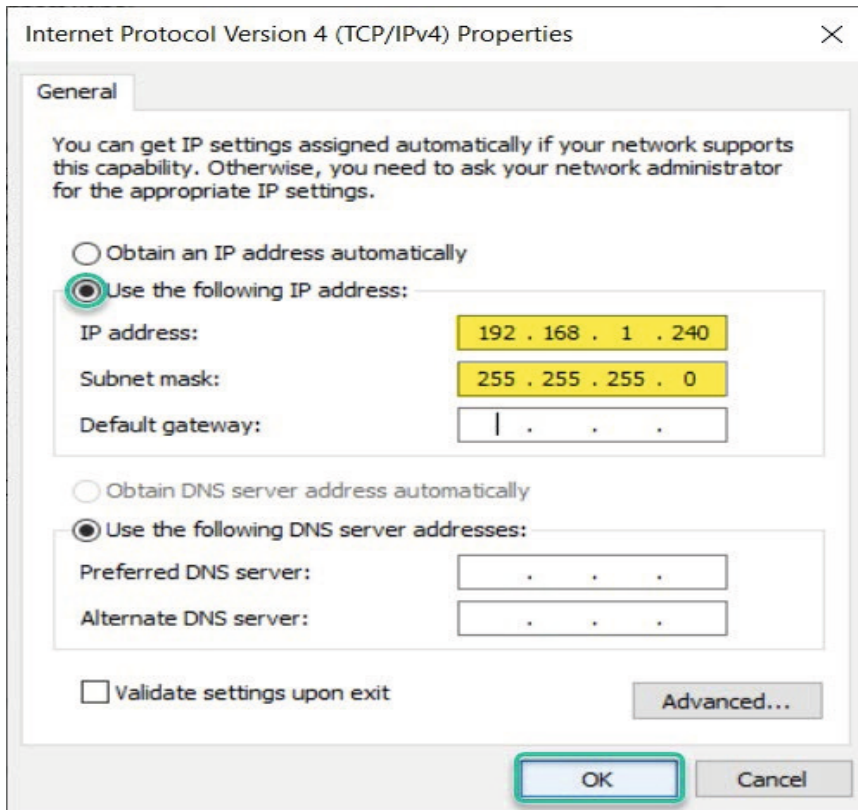


Double-click “Internet Protocol Version 4 (TCP/IPv4)” or select it and click “Properties”.



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Select “Use the following IP address” and type an IP that is in the same range as the MFC. The subnet mask below auto-populates and is ok for most configurations. Click “OK” on the two properties windows and close the settings windows.

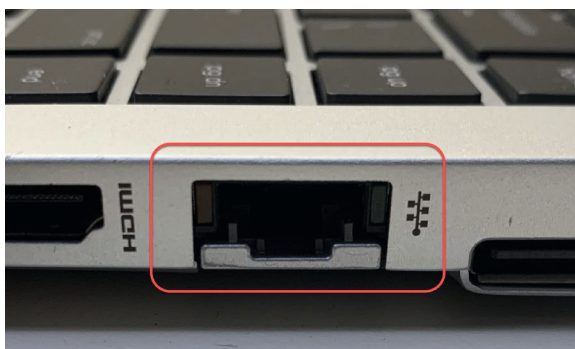


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A standard Ethernet patch cable is required to connect the AMF to your PC.



To a built-in network adapter:



Or a USB network adapter:



Once the PC settings have been changed and the cable is physically connected between the PC adapter and the Brooks Instrument mass flow meter or controller, open a web browser and enter the IP address of the AMF (default 192.168.1.100) as the URL at the top. Hit “Enter” or click “Go” to load the AMF Embedded Web Interface.

Access Levels and Login

The Embedded Web Interface opens showing the dashboard screen with the “Operational” access level as shown in the upper right of the screen. This login level is read-only access.

The menu tree is always on the left side of the screen.
 The current device status is always on the right side of the screen.

To change the configuration, click the Login tab. On the Login page that loads, select a different access level from the dropdown box.

- Operational is view only.
- Configure allows basic device configuration.
- Control enables all functionality including controlling device flow on an MFC.

The default password for Configure is 'configure' and the default password for Control is 'control'.

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Choose the access level and enter the password. Click “Submit” and a success banner will display briefly at the top of the page.

The screenshot shows the 'Advanced Mass Flow' web interface. At the top, a green banner displays 'Login success. Permissions set to Control'. Below this, the page header includes 'INSTRUMENT Beyond Measure' on the left, 'Advanced Mass Flow' in the center, and 'Access Level: Control Logout' on the right. A left sidebar contains navigation links: Dashboard, Alarms, Warnings, Configuration, Net Interface, Device Update, Device Log, Save & Restore, Service & Support, Device Info, and Login (highlighted in blue). The main content area is divided into three sections: 1. 'Login' with 'Access Level' set to 'Control' and a 'Password' field. 2. 'Session' with 'Session Timeout(min):' set to '120' and a 'Submit' button. 3. 'Change Password' with 'Access Level' set to 'Configure' and three password fields (Current, New, Confirm). A note below the password fields states: '8-12 characters. Valid characters: A-Z,a-z,0-9,?,!,\$,#,&'. A 'Submit' button is at the bottom of this section. On the right, a 'Device Status' panel lists various error and warning states: Int Fail, Bk Stream, Temp Sense Fail, Flow Sense Fail, Vlv Drive Fail, Int Comms, NV Mem Fail, Dev Exec, Dev Warm Up, Dev Zeroing, Vlv Override, Ctrl Override, Dev Error, Dev Alarm, Dev Warning, and Ctrl Ramping.

On this same page, it is possible to change the session timeout and change the password, if desired. There is also a “logout” button that appears in the upper right where the current access level is shown.

NOTE: If you change a password, ALWAYS record the changes with identifying information such as serial number and physical location. Without the password, you will not be able to utilize the embedded web interface functionality.

The Dashboard

Navigate back to “Dashboard” on the left menu. If you are logged in as Control access level, you can control the MFC from the Dashboard and see feedback similar to the graph screen in BEST.

NOTE: control of the MFC through the web interface dashboard requires that no active connection exists between a control system (PLC/DCS) and the MFC.

By default, the valve safe state is closed.

To control flow, you must select “Running” from the dropdown, putting the device into executing mode.

Safe State successfully sent

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Access Level: Control [Logout](#)

Advanced Mass Flow

<ul style="list-style-type: none"> <li style="background-color: #000080; color: white; padding: 5px;">Dashboard <li style="background-color: #000080; color: white; padding: 5px;">Alarms <li style="background-color: #000080; color: white; padding: 5px;">Warnings <li style="background-color: #000080; color: white; padding: 5px;">Configuration <li style="background-color: #000080; color: white; padding: 5px;">Net Interface <li style="background-color: #000080; color: white; padding: 5px;">Device Update <li style="background-color: #000080; color: white; padding: 5px;">Device Log <li style="background-color: #000080; color: white; padding: 5px;">Save & Restore <li style="background-color: #000080; color: white; padding: 5px;">Service & Support <li style="background-color: #000080; color: white; padding: 5px;">Device Info <li style="background-color: #000080; color: white; padding: 5px;">Login 	<h3 style="margin: 0;">Process Gas: 1: N2 - 500.00 SCCM @ 0C</h3> <div style="text-align: right; margin-bottom: 10px;">150.00</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Legend</p> <ul style="list-style-type: none"> ● Flow (%): 0.10 ● Setpoint (%): 0.00 ● Valve Position (%): 14.56 Temperature (°C): 27.27 <p>Custom Totalizer</p> <p>Flow Total (Liters): 0</p> <p>Stop</p> <p>Chart Control</p> <p>Y Min: <input style="width: 50px;" type="text" value="-15"/></p> <p>Y Max: <input style="width: 50px;" type="text" value="150"/></p> <p style="text-align: center;">Submit</p> </div> <div style="width: 45%;"> <p>Control Parameters</p> <p>Safe State: Running</p> <p>Control Mode: Auto</p> <p>Setpoint (%): <input style="width: 50px;" type="text" value="0.00"/></p> <p>Valve Position (%): <input style="width: 50px;" type="text" value="0.00"/></p> <p>Valve Override: Normal</p> <p>Process Gas Page: 1: N2 - 500.00 SCCM @ 0C</p> </div> </div>	<p>Device Status</p> <ul style="list-style-type: none"> <li style="background-color: #f0f0f0; padding: 2px;">Int Fail <li style="background-color: #f0f0f0; padding: 2px;">Bk Stream <li style="background-color: #f0f0f0; padding: 2px;">Temp Sense Fail <li style="background-color: #f0f0f0; padding: 2px;">Flow Sense Fail <li style="background-color: #f0f0f0; padding: 2px;">Vlv Drive Fail <li style="background-color: #f0f0f0; padding: 2px;">Int Comms <li style="background-color: #f0f0f0; padding: 2px;">NV Mem Fail <li style="background-color: #000080; color: white; padding: 2px;">Dev Exec <li style="background-color: #f0f0f0; padding: 2px;">Dev Warm Up <li style="background-color: #f0f0f0; padding: 2px;">Dev Zeroing <li style="background-color: #f0f0f0; padding: 2px;">Vlv Override <li style="background-color: #f0f0f0; padding: 2px;">Ctrl Override <li style="background-color: #f0f0f0; padding: 2px;">Dev Error <li style="background-color: #f0f0f0; padding: 2px;">Dev Alarm <li style="background-color: #f0f0f0; padding: 2px;">Dev Warning <li style="background-color: #f0f0f0; padding: 2px;">Ctrl Ramping
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Items such as setpoint, valve override and calibration page can now be changed.

Configuring Device Attributes


The various device “classes” such as the Flow Meter, Valve Drive, Flow Control and Temperature classes all have configurations that can be customized.

The embedded web interface is a powerful tool to quickly configure the alarms, warnings, errors, and data units within these classes.

Many alarms, warnings and errors have configurable magnitude, time, and hysteresis thresholds so that you can customize them for your system dynamics.

After selecting the “Configuration” menu, there are submenus for each class.

Flow Meter Configuration



Advanced Mass Flow

Access Level: Control Logout

Dashboard	Flow Meter	Flow Meter Configuration	Flow Units	Device Status
Alarms	Flow Sensor	Flow Alarm Trip Point High (%): <input style="width: 100px;" type="text" value="160.000000"/>	Unit Of Measure: <input style="border: none; border-bottom: 1px solid black;" type="text" value="%"/> Submit Units	Int Fail
Warnings		Flow Alarm Trip Point Low (%): <input style="width: 100px;" type="text" value="-10.000000"/>		BK Stream
Configuration	Flow Totalizer & Timers	Flow Alarm Hysteresis (%): <input style="width: 100px;" type="text" value="10.000000"/>	Submit Parameters <input style="width: 80px;" type="text" value="Undo Changes"/>	Temp Sense Fail
Net Interface		Flow Alarm On Delay (msec): <input style="width: 100px;" type="text" value="0"/>		Flow Sense Fail
Device Update		Flow Alarm Off Delay (msec): <input style="width: 100px;" type="text" value="0"/>		Vlv Drive Fail
Device Log		Flow Warn Trip Point High (%): <input style="width: 100px;" type="text" value="160.000000"/>		Int Comms
Save & Restore	Valve Drive	Flow Warn Trip Point Low (%): <input style="width: 100px;" type="text" value="-10.000000"/>	Submit Units	NV Mem Fail
Service & Support		Flow Warn Hysteresis (%): <input style="width: 100px;" type="text" value="10.000000"/>		Dev Exec
Device Info	Flow Control	Flow Warn On Delay (msec): <input style="width: 100px;" type="text" value="0"/>	Submit Units	Dev Warm Up
Login		Flow Warn Off Delay (msec): <input style="width: 100px;" type="text" value="0"/>		Dev Zeroing
	Temperature	Zero Recommended Warn On Delay (msec): <input style="width: 100px;" type="text" value="30000"/>	Submit Units	Vlv Override
		Zero Recommended Warn Band (%): <input style="width: 100px;" type="text" value="0.000000"/>		Ctrl Override
	Device Mgmt	Back Stream Flow Limit (%): <input style="width: 100px;" type="text" value="-4.000000"/>	Submit Units	Dev Error
		Back Stream Warn On Delay (msec): <input style="width: 100px;" type="text" value="30000"/>		Dev Alarm
				Dev Warning
				Ctrl Ramping

Flow Sensor Configuration

Dashboard	Flow Meter	Flow Sensor Configuration		Device Status	
Alarms				Int Fail	
Warnings	Flow Sensor	Zero Op Duration (msec):	<input type="text" value="10000"/>	Bk Stream	
Configuration		Zero Success Band (%):	<input type="text" value="0.000000"/>	Temp Sense Fail	
Net Interface		Zero Drift Check Time (Hours):	<input type="text" value="0"/>	Flow Sense Fail	
Device Update	Flow Totalizer & Timers	Excess Drift Rate:	<input type="text" value="0.002000"/>	Viv Drive Fail	
Device Log		Total Drift (%):	0.000000	Int Comms	
Save & Restore	Valve Drive	<input type="button" value="Submit Parameters"/> <input type="button" value="Undo Changes"/>		NV Mem Fail	
Service & Support		Flow Control			Dev Exec
Device Info	Temperature				Dev Warm Up
Login			Device Mgmt		
				Viv Override	
				Ctrl Override	
				Dev Error	
				Dev Alarm	
				Dev Warning	
				Ctrl Ramping	

Flow Totalizers & Timers

Dashboard	Flow Meter	Flow Totalizer and Timers		Totalizer Units		Device Status	
Alarms		Total Flow Time (hours):	25.000	Unit Of Measure:		Int Fail	
Warnings	Flow Sensor	Total Flow (Liters):	157		Liters	Bk Stream	
Configuration		Overhaul Due (hours):	<input type="text" value="0"/>		<input type="button" value="Submit Units"/>	Temp Sense Fail	
Net Interface	Flow Totalizer & Timers	Calibration Due (hours):	<input type="text" value="0"/>			Flow Sense Fail	
Device Update		<input type="button" value="Submit Parameters"/> <input type="button" value="Undo Changes"/>				Vlv Drive Fail	
Device Log						Int Comms	
Save & Restore	Valve Drive					NV Mem Fail	
Service & Support	Flow Control					Dev Exec	
Device Info						Dev Warm Up	
Login	Temperature					Dev Zeroing	
						Vlv Override	
	Device Mgmt					Ctrl Override	
						Dev Error	
						Dev Alarm	
						Dev Warning	
						Ctrl Ramping	

Valve Drive Configuration

Dashboard	Flow Meter	Valve Drive Configuration	Valve Alarm Trip Point High (%): <input type="text" value="151.000000"/> Valve Alarm Trip Point Low (%): <input type="text" value="-30.000002"/> Valve Alarm Hysteresis (%): <input type="text" value="5.000000"/> Valve Warning Trip Point High (%): <input type="text" value="50.000000"/> Valve Warning Trip Point Low (%): <input type="text" value="-30.000002"/> Valve Warning Hysteresis (%): <input type="text" value="5.000000"/> Valve Safe State: <input type="text" value="Closed"/> Valve Safe Value (%): <input type="text" value="0.000000"/>	Device Status
Alarms				Int Fail
Warnings	Flow Sensor	<input type="button" value="Submit Parameters"/> <input type="button" value="Undo Changes"/>	Bk Stream	
Configuration			Temp Sense Fail	
Net Interface	Flow Totalizer & Timers		Flow Sense Fail	
Device Update			Vlv Drive Fail	
Device Log	Valve Drive		Int Comms	
Save & Restore			NV Mem Fail	
Service & Support	Flow Control		Dev Exec	
Device Info			Dev Warm Up	
Login	Temperature		Dev Zeroing	
			Vlv Override	
	Device Mgmt		Ctrl Override	
			Dev Error	
			Dev Alarm	
			Dev Warning	
			Ctrl Ramping	

Flow Control Configuration

Dashboard	Flow Meter	Flow Control Configuration		Control Units	Device Status
Alarms		Control Warning On Delay (msec):	<input type="text" value="0"/>	Unit Of Measure:	Int Fail
Warnings	Flow Sensor	Control Warning Error Band (%):	<input type="text" value="0.000000"/>	%	Bk Stream
Configuration		Ramp Time (msec):	<input type="text" value="40"/>	<input type="button" value="Submit Units"/>	Temp Sense Fail
Net Interface	Flow Totalizer & Timers	Ramp Time Is Volatile/Temporary:	<input type="text" value="True"/>		Flow Sense Fail
Device Update		No Flow Alarm Limit (%):	<input type="text" value="9.999999"/>		Vlv Drive Fail
Device Log	Valve Drive	No Flow Alarm On Delay (msec):	<input type="text" value="2000"/>		Int Comms
Save & Restore		Choked Flow Warning Limit (%):	<input type="text" value="10.000000"/>		NV Mem Fail
Service & Support	Flow Control	Choked Flow Warning On Delay (msec):	<input type="text" value="1000"/>		Dev Exec
Device Info		Choked Flow Warning Off Delay (msec):	<input type="text" value="1000"/>		Dev Warm Up
Login	Temperature	Choked Flow Alarm Limit (%):	<input type="text" value="10.000000"/>		Dev Zeroing
		Choked Flow Alarm On Delay (msec):	<input type="text" value="10000"/>		Vlv Override
	Device Mgmt	Choked Flow Alarm Off Delay (msec):	<input type="text" value="10000"/>		Ctrl Override
		Setpoint High Warning Limit (%):	<input type="text" value="0.000000"/>		Dev Error
		Setpoint High Warning On Delay (msec):	<input type="text" value="0"/>		Dev Alarm
		Setpoint High Warning Off Delay (msec):	<input type="text" value="0"/>		Dev Warning
		Setpoint Limited Warning Limit (%):	<input type="text" value="0.000000"/>		Ctrl Ramping
		Setpoint Limited Warning On Delay (msec):	<input type="text" value="0"/>		
		Setpoint Limited Warning Off Delay (msec):	<input type="text" value="0"/>		
		<input type="button" value="Submit Parameters"/>	<input type="button" value="Undo Changes"/>		

Temperature Configuration

Dashboard	Flow Meter	Temperature Configuration		Temperature Units	Device Status
Alarms		High Temp Warning Trip Point (°C):	<input type="text" value="273.000000"/>		
Warnings	Flow Sensor	Low Temp Warning Trip Point (°C):	<input type="text" value="-273.000000"/>	<input type="text" value="Celsius"/>	Bk Stream
Configuration		Temp Warning On Delay (msec):	<input type="text" value="0"/>	<input type="button" value="Submit Units"/>	Temp Sense Fail
Net Interface	Flow Totalizer & Timers	Temp Warning Off Delay (msec):	<input type="text" value="0"/>		Flow Sense Fail
Device Update		High Temp Alarm Trip Point (°C):	<input type="text" value="273.000000"/>		Vlv Drive Fail
Device Log	Valve Drive	Low Temp Alarm Trip Point (°C):	<input type="text" value="-273.000000"/>		Int Comms
Save & Restore		Temp Alarm On Delay (msec):	<input type="text" value="0"/>	<input type="button" value="Submit Parameters"/> <input type="button" value="Undo Changes"/>	NV Mem Fail
Service & Support	Flow Control	Temp Alarm Off Delay (msec):	<input type="text" value="0"/>		Dev Exec
Device Info		Temperature			Dev Warm Up
Login	Device Mgmt				Dev Zeroing

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Alarms and Warnings are disabled by default and must be enabled after configuring them. They can be enabled by navigating to the Alarms or Warnings menu items and toggling the radio buttons to green.

Alarms

Dashboard	Alarms	Off/On	Device Status
Alarms	Low Flow Alarm	<input type="radio"/>	Int Fail
	High Flow Alarm	<input type="radio"/>	Bk Stream
Warnings	No Flow Alarm	<input type="radio"/>	Temp Sense Fail
	Choked Flow Alarm	<input type="radio"/>	Flow Sense Fail
Configuration	High Temperature Alarm	<input type="radio"/>	Vlv Drive Fail
Net Interface	Low Temperature Alarm	<input type="radio"/>	Int Comms
Device Update	High Valve Drive Alarm	<input type="radio"/>	NV Mem Fail
Device Log	Low Valve Drive Alarm	<input type="radio"/>	Dev Exec
Save & Restore	Invalid Cal Page Selected	<input type="radio"/>	Dev Warm Up
Service & Support	Internal Comms Alarm	<input type="radio"/>	Dev Zeroing
Device Info	Using Backup NV Memory	<input type="radio"/>	Vlv Override
Login	Internal Comms Alarm	<input type="radio"/>	Ctrl Override
	<input type="radio"/> Toggle All		Dev Error
			Dev Alarm
			Dev Warning
			Ctrl Ramping

Dashboard	Alarms	Off/On	Device Status
Alarms	Low Flow Alarm	<input type="radio"/>	Int Fail
	High Flow Alarm	<input type="radio"/>	Bk Stream
Warnings	!! No Flow Alarm	<input checked="" type="radio"/>	Temp Sense Fail
	Choked Flow Alarm	<input type="radio"/>	Flow Sense Fail
Configuration	High Temperature Alarm	<input type="radio"/>	Vlv Drive Fail
Net Interface	Low Temperature Alarm	<input type="radio"/>	Int Comms
Device Update	High Valve Drive Alarm	<input type="radio"/>	NV Mem Fail
Device Log	Low Valve Drive Alarm	<input type="radio"/>	Dev Exec
Save & Restore	Invalid Cal Page Selected	<input type="radio"/>	Dev Warm Up
Service & Support	Internal Comms Alarm	<input type="radio"/>	Dev Zeroing
Device Info	Using Backup NV Memory	<input type="radio"/>	Vlv Override
Login	Internal Comms Alarm	<input type="radio"/>	Ctrl Override
	<input type="radio"/> Toggle All		Dev Error
			Dev Alarm
			Dev Warning
			Ctrl Ramping

Warnings

Dashboard	Warnings		Off/On	Warnings		Off/On	Device Status
Alarms	Low Flow Warning		<input type="radio"/>	Setpoint Deviation		<input type="radio"/>	Int Fail
Warnings	High Flow Warning		<input type="radio"/>	Setpoint Overrange		<input type="radio"/>	Bk Stream
Configuration	Choked Flow Warning		<input type="radio"/>	Setpoint Limited		<input type="radio"/>	Temp Sense Fail
Net Interface	Excessive Drift Warning		<input type="radio"/>	Overhaul Due		<input type="radio"/>	Flow Sense Fail
Device Update	Valve Drive High Warning		<input type="radio"/>	Calibration Due		<input type="radio"/>	Vlv Drive Fail
Device Log	Valve Drive Low Warning		<input type="radio"/>	High Temperature Warning		<input type="radio"/>	Int Comms
Save & Restore	Zero Prevented		<input type="radio"/>	Low Temperature Warning		<input type="radio"/>	NV Mem Fail
Service & Support	Zero Recommended		<input type="radio"/>	Power Supply Warning		<input type="radio"/>	Dev Exec
Device Info	<input type="radio"/> Toggle All			CPU Temperature High		<input type="radio"/>	Dev Warm Up
Login							Dev Zeroing
							Vlv Override
							Ctrl Override
							Dev Error
							Dev Alarm
							Dev Warning
							Ctrl Ramping

Dashboard	Warnings		Off/On	Warnings		Off/On	Device Status
Alarms	Low Flow Warning		<input type="radio"/>	Setpoint Deviation		<input type="radio"/>	Int Fail
Warnings	! High Flow Warning		<input checked="" type="radio"/>	Setpoint Overrange		<input type="radio"/>	Bk Stream
Configuration	Choked Flow Warning		<input type="radio"/>	Setpoint Limited		<input type="radio"/>	Temp Sense Fail
Net Interface	Excessive Drift Warning		<input type="radio"/>	Overhaul Due		<input type="radio"/>	Flow Sense Fail
Device Update	Valve Drive High Warning		<input type="radio"/>	Calibration Due		<input type="radio"/>	Vlv Drive Fail
Device Log	Valve Drive Low Warning		<input type="radio"/>	High Temperature Warning		<input type="radio"/>	Int Comms
Save & Restore	Zero Prevented		<input type="radio"/>	Low Temperature Warning		<input type="radio"/>	NV Mem Fail
Service & Support	Zero Recommended		<input type="radio"/>	Power Supply Warning		<input type="radio"/>	Dev Exec
Device Info	<input type="radio"/> Toggle All			CPU Temperature High		<input type="radio"/>	Dev Warm Up
Login							Dev Zeroing
							Vlv Override
							Ctrl Override
							Dev Error
							Dev Alarm
							Dev Warning
							Ctrl Ramping

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Changing Device Network Settings

To configure the network parameters of the device, click the Net Interface tab.

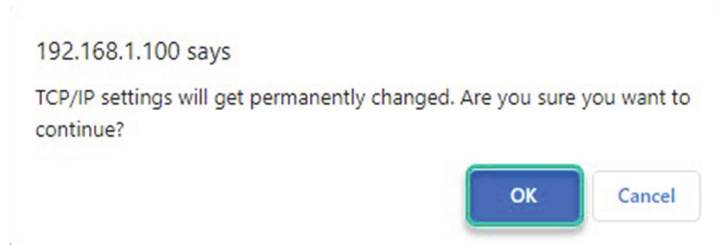
You have the ability to change:

- IP address – most configurations should use a static IP. DHCP option is available.
- Subnet mask
- Default gateway
- Device name
- You might also configure DNS servers and a domain name.

By default, DHCP is selected. To manually configure the network settings, select the 'Stored Value' radio button.

The network configuration fields will become active. Click 'Submit' after setting the network configuration.

A pop-up confirmation window will appear. Click "OK"



A success banner will be displayed briefly at the top of the page.

IP Configuration Changes Successfully Saved

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Access Level: Control Logout

Advanced Mass Flow

<ul style="list-style-type: none"> Dashboard Alarms Warnings Configuration <li style="background-color: #000080; color: white;">Net Interface Device Update Device Log Save & Restore Service & Support Device Info Login 	<h3>Net Interface</h3> <p> <input type="radio"/> Obtain Address Automatically (DHCP) <input checked="" type="radio"/> Use the following IP Address (Static) </p> <p> IP Address: <input style="width: 100px;" type="text" value="192.168.1.101"/> Network Mask: <input style="width: 100px;" type="text" value="255.255.255.0"/> Gateway Address: <input style="width: 100px;" type="text" value="0.0.0.0"/> Name Server: <input style="width: 100px;" type="text" value="0.0.0.0"/> Name Server 2: <input style="width: 100px;" type="text" value="0.0.0.0"/> Domain Name: <input style="width: 100px;" type="text" value="brooks"/> </p> <p style="text-align: center;">Submit</p> <hr/> <p> Host Name: <input style="width: 100px;" type="text" value="amf"/> </p> <p style="text-align: center;">Submit</p> <hr/> <p> MAC Address: 02-00-00-00-00-00 </p>	<h4>Device Status</h4> <ul style="list-style-type: none"> Int Fail Bk Stream Temp Sense Fail Flow Sense Fail Viv Drive Fail Int Comms NV Mem Fail <li style="background-color: #333; color: white;">Dev Exec Dev Warm Up Dev Zeroing Viv Override Ctrl Override Dev Error Dev Alarm Dev Warning Ctrl Ramping
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NOTE: Once the settings have been changed, the new TCP/IP address will need to be reentered in the URL field of the browser to reconnect with the device and confirm the network settings.

NOTE: We recommend labeling the device with the new communication settings and recording the changes with identifying information such as serial number and physical location. It will be very difficult to recover this information without the diagnostic cable and BEST Software.

We created a knowledgebase article describing some alternative methods to find the IP address of a device that is unknown which may be helpful in this scenario. The article can be found on our website here:

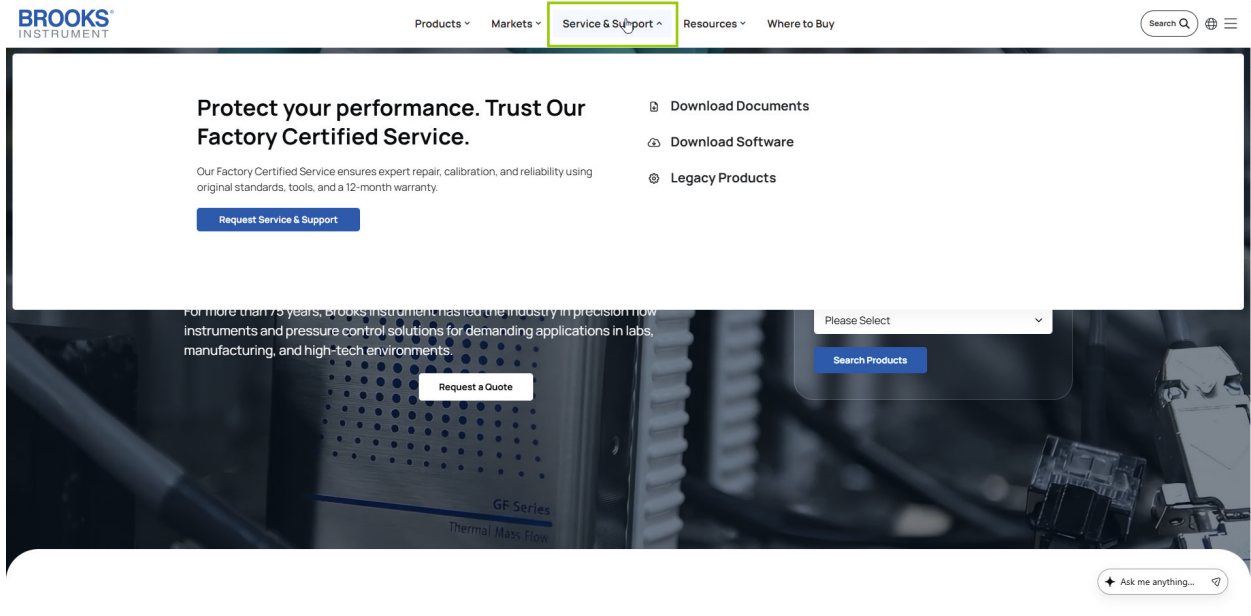
[SLA Ethernet/IP and PROFINET – Finding the IP Address of a Device when the Value is Unknown](#)

Brooks Instrument

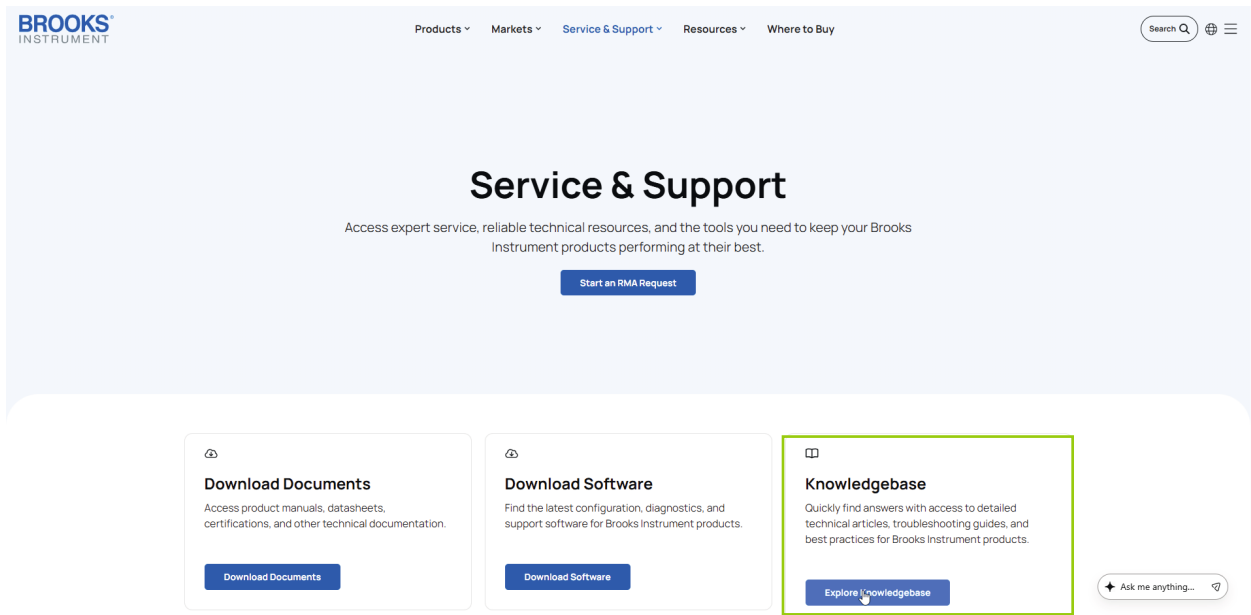
Getting Help

We recommend starting with the Installation and Operation Manual (IOM) and the Supplemental manual for the digital communication protocol, if applicable. These documents are searchable so CTRL+F can be used in the PDF viewer to search for specific terms within the document.

After reading the manuals, we recommend utilizing the Knowledgebase section of our website. Navigate to “Service & Support” and select “Knowledgebase”.



The “Knowledgebase” can be found on the “Service & Support” page.



On the Knowledgebase landing page, you can browse different articles of various Brooks Instrument devices by topic.

BROOKS UNIVERSITY
Knowledgebase

TRENDING ARTICLES

- [Service - Customer Portal - RMA Status](#)
- [Understanding the Full Model Code for SLA Series Mass Flow Controllers](#)
- [SLA - Rev B - How To Read MFC/MFM Calibration Data Sheets](#)
- [Considerations when using Thermal Mass Flow Meters and/or Controllers in the Vertical Position](#)
- [Software - Brooks Readout Application - Full Scale Error](#)

TOP ARTICLES

MASS FLOW CONTROLLERS

- [Basic Ethernet/IP Commissioning Ties \(Emerson DeltaV\)](#)
- [RESTART/HiFlo Configurator Diagnostic Cable Driver](#)
- [Understanding Flow Reference Conditions used with Thermal...](#)
- [SLA PROFINET - Using Siemens TIA Portal to Flash LEDs on 1 -](#)
- [Configuring RS485 Communications with Brooks MFCs and A-](#)

[View All \(20+\)](#)

CONTACT US
Can't find the answers you need? Get in touch with us directly.

[Contact Technical Support](#)

Mass Flow Controllers

Variable Area Flow Meters

Vacuum & Pressure

After you have reviewed the relevant content for your product, if you still need any technical support please contact Brooks Instrument Technical Services at 215-362-3798 or via email at Brooks.TechSupport@BrooksInstrument.com

LIMITED WARRANTY

Visit www.BrooksInstrument.com for the terms and conditions of our limited warranty.

BROOKS SERVICE AND SUPPORT

Brooks is committed to assuring all of our customers receive the ideal flow solution for their application, along with outstanding service and support to back it up. We operate first class repair facilities located around the world to provide rapid response and support. Each location utilizes primary standard calibration equipment to ensure accuracy and reliability for repairs and recalibration and is certified by our local Weights and Measures Authorities and traceable to the relevant International Standards.

Visit www.BrooksInstrument.com to locate the service location nearest to you.

START-UP SERVICE AND IN-SITU CALIBRATION

Brooks Instrument can provide start-up service prior to operation when required.

For some process applications, where ISO-9001 Quality Certification is important, it is mandatory to verify and/or (re)calibrate the products periodically. In many cases this service can be provided under in-situ conditions, and the results will be traceable to the relevant international quality standards.

SEMINARS AND TRAINING

Brooks Instrument can provide seminars and dedicated training to engineers, end users and maintenance persons.

Please contact your nearest sales representative for more details.

Due to Brooks Instrument's commitment to continuous improvement of our products, all specifications are subject to change without notice.

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