

Advanced Flex Control Builder Guide: How to set a static IP address on your Windows computer

Overview

This document outlines how to set a static IP address on your Windows device. Changing your computer's network setting will allow you to connect to the Flex unit. This tutorial is for Windows 7 or higher.

Locate the Network Information from Flex Device

1. There are three different ways to locate the IP Address, Subnet Mask, and Default Gateway of your Flex device. Either:

Press in any area without buttons for 10 seconds on the Flex panel. Press the "**set network**" button to locate the information.



Or go into debug mode by resetting the Flex and holding your finger on the screen for 10 seconds. The information will appear on the screen as pictured below.

Debug	Output Window
debug Serial Serial Serial Serial	node) Port 1: 9600, 8, 1, NONE Port 2: 36400, 8, 1, NONE Port 3: 38400, 8, 1, NONE Port 4: 9600, 8, 1, NONE
MAC P	ddress 0x00 0xae 0xf3 0xbb 0x01 0x02
Flex	IP Address 192.168.5.203
	Subnet Mask 255.255.240.0
	Gateway Address 192,168,5,1

Lastly, you can connect to your Flex device via serial port and use the Flex Control Builder software to locate the information.

orenu	-	09:53:20a					Update	Update	
ddress	s Refresh 01/25/09		09	09		date	from PC Clock	from Time Server	
Acaress Rel	ated								
IP Add	ir: 192	. 168	2	5		203	Up	date IP	
MAC Add	ir: 0x00 0xA	E OxF3 0xBi	B OxO	1 Ox02			F	ields	
Subre	et 255	. 255		240	1.	0	Class A	Class C	
Gatewa	y: 192	. 168	.[3].[1	Class B	Custom	
10	Update Firm	ware							
Select Firmware				Download Firmware					

Locate the Local Area Connection Properties Window

- Click the Start Menu > Control Panel > Network and Sharing Center on your Windows device. (For Windows 8 and higher, search for and open Control Panel and select Network And sharing center as pictured below).
- 3. Click Change adapter setting.



4. Left-click on Local Area Connection and click on Properties.



Insert Flex IP and Other Appropriate Information

5. Select Internet Protocol Version 4 (TCP/IPv4) and click on Properties.

Local Area Connection 2 Properties
Configure This connection uses the following items:
✓ QoS Packet Scheduler ✓ File and Printer Sharing for Microsoft Networks ✓ ← General NDIS Protocol Driver ✓ ← Internet Protocol Version 6 (TCP/IPv6) ✓ ← Internet Protocol Version 4 (TCP/IPv4) ✓ ← Link-Layer Topology Discovery Mapper I/O Driver ✓ ← Link-Layer Topology Discovery Responder
Install Uninstall Properties Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.
OK Cancel

 Select "Use the following IP address" and enter the IP address, Subnet Mask, and Default Gateway of your Flex device. Then, click OK and close the Local Area Connection Properties window.

Revert to DHCP Automatic Setup

Note: This is appropriate for most networks.

- 7. Once complete reenter the **Internet Protocol Version 4 (TCP/IPv4)** properties window as detailed above.
- 8. Click on "Obtain an IP address automatically" and "Obtain DNS server address automatically". This will return your device to its originally settings.

Internet Protocol Version 4 (TCP/IPv4) Properties	2	23
General Alternate Configuration		
You can get IP settings assigned automatically if your network this capability. Otherwise, you need to ask your network admin for the appropriate IP settings.	suppor iistrato	rts r
Obtain an IP address automatically		
O Use the following IP address:		- 11
IP address:		
Subnet mask:		
Default gateway:		
Obtain DNS server address automatically		
Use the following DNS server addresses:		— II
Preferred DNS server:		
Alternate DNS server:		
Validate settings upon exit	anced.	
ОК	Car	ncel

For additional information on programming and actions of the buttons, devices, screens, and so on please feel free to call: (973)-785-4347, email us at <u>techsupport@fsrinc.com</u>, or visit our website at <u>https://fsrinc.com/</u>.