# Installation of CS2150/CS2350 Bipotentiostat (Ethernet)

#### 1. Software installation

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(1) Use the Ethernet cable to connect the computer with the instrument. Power on the instrument.

(2) Open the "software installation" folder, right click the "Setup.exe", and run as administrator.

	]] 9	Software Installation				
	1	Tools				
	🧭 1	manual.pdf				
	2	Software install	ation quick gui	idance.pdf		
CS Studio5			2019/8/8 9:41	文件夹		
DotNetFX35			2019/8/8 9:41	文件夹		
Drivers			2019/8/8 9:41	文件夹		
DriversForXp			2019/8/8 9:41	文件夹		
SoConfig			2019/8/8 9:41	文件夹		
sxsForWin8			2019/8/8 9:41	文件夹		
sxsForWin10			2019/8/8 9:41	文件夹		
sxsForWin10-	New		2019/8/8 9:41	文件夹		
🖥 clean			2017/3/23 9:27	Windows 批处理	1 KB	
Setup.exe			2019/8/7 15:52	应用程序	3,769 KB	
Setup			2017/6/29 13:56	安装信息	1 KB	
sxs8			2019/5/8 16:57	Windows 批处理	1 KB	
sxs10			2019/5/8 16:58	Windows 批处理	1 KB	
sxs10-New2-x	c64		2019/8/7 13:41	Windows 批处理	1 KB	
sxs10-New2-x	c86		2019/8/7 13:42	Windows 批处理	1 KB	
sxs10-New-x6	54		2019/5/8 17:58	Windows 批处理	1 KB	
sxs10-New-x8	36		2019/5/8 17:58	Windows 批处理	1 KB	



(3) As it uses Ethernet communication, no need to install drivers. Firstly, install the .net 3.5. If your computer has already installed it, there will be a prompt as follows.



If it has not installed in your computer, just follow the steps to finish installation of .net 3.5.

**Notice:** If your operating system is windows 10 and it appears error prompt when you follow above step, then you have to install .net 3.5 through below tools. Please try one by one till you success. Remember to "run as administrator".



(4) Click install CS Studio5. Created a shortcut is on the desktop.



#### 2. IP address configuration

Connecting the instrument with computer by Ethernet cable, you should reset the IP address of the computer.



🔅 SETTINGS			Find a settin	g
			THI	Q
System	Devices	Network & Internet	Personalization	Accounts
Display, notifications,	Bluetooth, printers,	Wi-Fi, airplane mode,	Background, lock	Your account, sync
upps, power	mouse		Screen, colors	users
<u>e</u>	$(\downarrow \rightarrow$	Д	$\mathbf{r}$	
A₹	<u>O</u>		$\bigcirc$	
Time & language Speech, region, date	Ease of Access Narrator, magnifier,	Privacy Location, camera	Update & security Windows Update,	
	high contrast		recovery, backup	

## (1) Find the "Network and sharing center"

Then, Ethernet  $\rightarrow$ Network and sharing centre

← Settings	
Wi-Fi Data usage	Ethernet
VPN Dial-up	Related settings
Ethernet Proxy	Change adapter options Change advanced sharing options
	Network and Sharing Center HomeGroup Internet options
	Windows Firewall
(Or 🥌 🗯 🗞 🚾 🕲 📜 🗗 🗟	$\rightarrow$ Network and sharing center)

#### (2) Click "Ethernet" shown as below:

Control Panel Home	View your basic network inform	nation and set up connections
Change adapter settings	View your active networks	1
Change advanced sharing	Unidentified network	Access type: No network ac
settings	Public network	Connections:
	Change your networking settings	
	Set up a new connection or net	work
	Set up a broadband, dial-up, or	r VPN connection; or set up a router or access p

## (3) Click "Properties", then check "Internet Protocol version 4(TCP/IPv4)"

🏺 以太网 Status		×	<
General			
Connection			
IPv4 Connectivity:		Internet	
IPv6 Connectivity:		No network access	
Media State:		Enabled	
Duration:		00:08:59	
Speed:		100.0 Mbps	
Details			
Detailonn			
Activity			
	Sent —	Received	
Bytes:	2,345,886	11,672,819	
Properties	🖓 Disable	Diagnose	
		Close	

Real	ing: tek USB FE I	Family Controller		
			Configure	
This conne	ction uses th	e following items:		
	oS Packet So emet Protoc crosoft Netw crosoft LLDF	cheduler of Version 4 (TCP/IP) ork Adapter Multiplex Protocol Driver of Version 6 (TCP/IP)	v4) for Protocol v6)	
<	emet Protoc	or veraion o (rei /in	3	> <sup>×</sup>
<	il	Uninstall	Properties	> `

#### (4) Fill in the IP address exactly as below:

Int	Internet 协议版本 4 (TCP/IPv4) Properties					
Ge	General					
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.						
	Use the following IP address:					
	IP address:	192.168.0.28				
	Subnet mask:	255 . 255 . 255 . 0				
	Default gateway:	192.168.0.1				
	Obtain DNS server address automatically					
IF	Use the following DNS server addresses:					
Н	Preferred DNS server:	192.168.0.1				
1	Alternate DNS server:	· · ·				
	Validate settings upon exit	Advanced				
		OK Cancel				

(5) Open CS Studio5 software, "Setup"  $\rightarrow$  Connection  $\rightarrow$  "Ethernet"  $\rightarrow$ Manual

				Connection 🗾
ile	<ul> <li>Setup Channels Experiments Tools</li> </ul>		Tools	
1	2	🛃 User settings 💦 🔯 🕫		Connection Ethernet USB
	5	Connection Workstation Calibration Timing Measurement Combination Test(G) Out of demo mode		
				Setting
	$\odot$			Auto
	<u></u>			Manual IP Address 192.168.0.12:23(5TA )
		Shortcuts		
		Extend(E)		
	ø	Settings		OK Cancel
		Reset Workstation		

(5) When the bipotentiostat is successfully connected with the computer, there will be model and serial number shown on the software interface, as is shown below (CS2350 for instance).

