TC Router Setup Guide





TC Router Setup: Connect Power

1. Connect the TC Router to a 24V DC power supply





TC Router Setup: Insert SIM Card

- Remove SIM Card holder with pushpin or paperclip
 Insert SIM card with valid data plan into SIM Card holder
- 3. Insert SIM card into TC Router





TC Router Setup: Attach Antenna

- 1. Attach at least one antenna to ANT 1
- 2. Attach a second antenna to ANT 2 for diversity

Antenna Part Numbers:

- 2702273 (5m Cable)
- 2702274 (0.5m Cable)







- 1. Click network icon in bottom right corner
- 2. Click "Network & Internet Settings



Settings - 0 1. Select Ethernet 🐼 Home Status Have a question? Network status Get help Network & Internet 口 ų \oplus Make Windows better Etherne Status Give us feedback phoenixcontact.com You're connected to the Internet f you have a limited data plan, you can make this network a Ethernet metered connection or change other properties. hange connection properties Show available networks % VPN Change your network settings Airplane mode Change adapter options (i) Mobile hotspot View network adapters and change connection settings. 🕑 Data usage Sharing options For the networks you connect to, decide what you want to share. Proxy og HomeGroup Set up a homegroup to share pictures, music, files, and printers with other PCs on your network. A Network troubleshooter Diagnose and fix network problems View your network properties Windows Firewall Network and Sharing Center Network reset



1. Select "Change Adapter Options"

Settings		- 🗆 ×
Home	Ethernet	
Find a setting	Ethernet	Change adapter options
Network & Internet	P Network 9 No Internet	Change advanced sharing options
⊕ Status	phoenixcontact.com	Network and Sharing Center
<i>i</i> ∉ Wi-Fi	Connected	HomeGroup
Ethernet		Windows Firewall
Dial-un		Have a question?
** VPN		Get help
∯> Airplane mode		Make Windows better
(ပု) Mobile hotspot		Give us feedback
🕒 Data usage		-
Proxy		



- 1. Right click on the Ethernet port connected to the TC Router
- 2. Select "Properties"





1. Double-click "Internet Protocol 1 🔆 👰 « Network and Internet > Network Connection ✓ ♂ Search Network Connections ,P Related settings Change adapter options Version 4 (TCP/IPv4)" Rename this connection 8 · 🔟 🙆 Ethernet 3 Properties Local Area Connection Change advanced sharing option Networking Authentication Sharing Network cable unplugged 🗙 🧼 NCP Secure Client Virtual Connect using Network and Sharing Center ASIX AX88179 USB 3.0 to Gigabit Ethemet Adapter HomeGroup Configure... ection uses the following items Windows Firewall ***Alternatively*** Client for Microsoft Networks File and Printer Sharing for Microsoft Networks NCP Filer Have a question? QoS Packet Scheduler Get help Make Windows better 1. Select "Internet Protcol Version Give us feedback Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides con across diverse interconnected networks 4 (TCP/IPv4)" and click OK Cancel (iii 📰 **Properties**



- 1. Change IP Address to 192.168.0.X (X Can be any number between 0 and 255, EXCEPT 1)
- 2. Set the Subnet Mask to 255.255.255.0





TC Router Setup: Login

- 1. Open a web browser and enter <u>https://192.168.0.1</u>
- 2. If you get a security warning, Click "more information"



This might mean that someone's trying to fool you or steal any info you send to the server. You should close this site immediately.



6 https://192.168.0.1

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TC Router Setup: Login

 Ignore the security warning and select "Go on to the webpage (not recommended).

Have no fear. This step is necessary and will not put your computer at risk

	- C
🗿 This site isn't secure 🛛 🕆 🚺	
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This site is not secure

This might mean that someone's trying to fool you or steal any info you send to the server. You should close this site immediately.

🥩 Close this tab

More information

Your PC doesn't trust this website's security certificate. The hostname in the website's security certificate differs from the website you are trying to visit.



TC Router Setup: Login

 Click "Login"
Enter login credentials.

Username: admin Password: admin

Click "OK"



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TC Router SIM Setup

- 1. Click the Wireless Network dropdown menu
- 2. Select SIM
- 3. Change Country to USA (310) and click Set
- 4. If your cellular provider **did not** provide you with a custom APN:
 - a) Set the APN to Managed Internet APN.
- 5. If your cellular provide did provide with a custom APN
 - 1. Set the APN to Customer APN and enter the corresponding APN code
- 6. Click Apply

	Name: IP add	TC ROUTER 3002T-4G ATT ress: 192.168.0.1	Firmware: 2.04.11	
	SIM	0		
	Country	USA (310)	∽ Set	_ - 3
<u>a</u>	PIN			Ū
	Roaming	○ Disabled		
k- //	Provider	Auto	\sim	_
	managed internet APN V	broadband		- 1
	Authentication	None		4
Status		Apply		- 5
Local network				Ŭ
Wireless network				
Radio setup				
SMS configuration				
Static routes				
DynDNS				
Monitoring				



TC Router Setup: Enable Packet Data

- 1. Click the Wireless Network dropdown menu
- 2. Select Packet data setup
- 3. Click the "Enabled" radio button across from Packet data
- 4. Click Apply





TC Router Setup: Verify Signal

- 1. Click the Status dropdown menu, and select Radio
- 2. Check the signal level. A strong signal is between -50 and -80 dbm
 - 1. Move the TC Router as necessary to achieve a better signal
- 3. Verify Packet data is online





Congratulations your TC Router is connected to the cellular network!

TC Router Setup: Troubleshooting

If the TC router is offline or does not have a strong signal after setup, try rebooting the Router

- 1. Click the System dropdown menu
- 2. Select Reboot
- 3. Click Reboot NOW
- 4. Wait ~2 minutes and check the signal



