

## **USR-VCOM creates TCP Client port**





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Technical Support: h.usriot.com

Through our company USR-VCOM software user can set up connection between USR modules and virtual serial port to solve the problem that traditional equipment PC software used in serial port communication way. User can download VCOM software from http://www.usriot.com/usr-vcom-virtual-serial-software/.

After downloading the USR-VCOM software and installing successfully, user can configure USR-VCOM to create TCP Client port as follow steps:

1.Run the USR-VCOM.exe.



Figure 1 USR-VCOM

## 2.Click 'Add COM' and configure the virtual serial port parameters.

Rever V3.7.1.520 Wirtual Serial Port Server V3.7.1.520	COLUMN TAXABLE	
Device(D) Tools(T) Options(O) Chinese Help(H)		
Add CDM Del COM Connect Reset Count Monit	or Search Smart VCOM	
Remarks COM Name Parameters COM State Net	Protocol Add Virtual Serial Port	Reg ID CloudID
	Virtual COM: CDM2   Net Protococi: TCP Client   Remote IP/addr: 192.168.1.105   Remote Port: 20108   Local Port: 8234   Remarks:    OK Cancel   Advanced +	

Figure 2 Configure the virtual serial port

User should configure the virtual serial port parameters by follow rules:

- Virtual COM: This is virtual serial port number, user must choose one COM which hasn't been occupied.
- Net Protocol: Choose 'TCP Client'.
- Remote IP/addr: Local IP or address of TCP Server which virtual serial port wants to connect.
- Remote Port: Local Port of TCP Server which virtual serial port wants to connect.

For example, if we want to establish a virtual serial port to connect to our company module USR-TCP232-410s in TCP Server mode with IP address 192.168.1.105 and Local Port 20108, we will add a COM, choose Net Protocol as TCP Client, Remote IP/addr as 192.168.1.105 and Remote Port as 20108.



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3.After clicking 'OK' on above step, the virtual serial port will be created successfully if user can see the virtual serial port on both USR-VCOM software and Device Manager.

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Figure 3 Virtual serial port