# Ethernet to serial device user manual

≻Support Auto-MDI/MDIX

Device

**Feature** 

➤Support TCP Server、TCP Client、UDP

Support Web Browser Settings

Baud-rate Support 300bps~230400bps

➤Support Reload function

≻Support Modbus RTU

Default Setting	S		
ID	admin		
PW	system		
IP address	192.168.2.1		
Load default: power down, press and hold load default button, then power on ,and hold the button up 10 seconds and release it			

Please note: The IP network segment of host pc network card need setting as same with device

#### **Device applications** Pair RS232/RS485 mode device Host mode Uart cable Host PC Device A Mode: TCP Server Local port: 23 Remote Server IP: No need Network Baudrate: as same with B cable Network cable Device B Mode: TCP Client Local port: 23 Uart cable Remote Server IP: host IP Baudrate: as same with A Uart cable RS232/RS485 device RS232/RS485

device

Such as: PLC, sensor, access controller, balance, cart reader, etc...

# VCOM(virtual serial port)

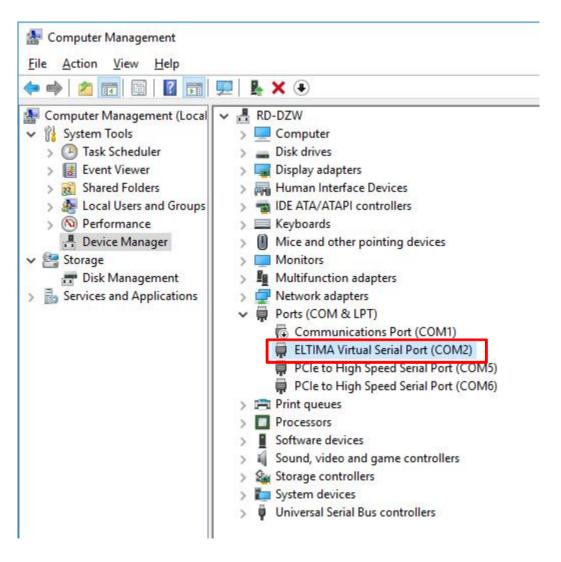
# The Device support VCOM mode, you can install VCOM tool to add VCOM port

🖉 VCOM3.6.5		Add VCOM ×						
Main								Rescan
Exit Add Remove					No 1	Device Name NetUART	MAC Address 00-11-22-33-44-03	Search IP Address 192.168.2.1
Utilities		COM Mapping	- 0 COM(					
Device Info	No	COM Port	TCP/L					
COM Mapping					<			>
<ul> <li>Please note:</li> <li>1. The IP network segment of host pc network card need set as same with device</li> <li>2. The device need to be set to server mode!</li> </ul>				· · · · · · · · · · · · · · · · · · ·	192.168.2.1 Сом 👔 📩	Client Local Port Remote Port nection interval.	23	

Telnet Server/Client	⊙ Server	○Client ○Disable
Port Number	23	

## VCOM(virtual serial port)

#### After add VCOM success



#### **Change settings**

The device support Web Browser Settings

Administrator Setting

Open web Browser, key in and enter: 192.168.2.1, ID: admin, PW: system

SER LOG IN	V			
Site:	192. 168. 2. 1			
ID:	admin			
Password:	•••••			
	OK			

Administrator Setting TCP Mode UDP Mode UART Reset Device

MAC Address	FF:FF:FF:FF:FF
Vickname	NetUART
IP Setting	•
IP Address	192. 168. 2 . 1 change
Subnet Mask	255, 255, 255, 0
Gateway	192. 168. 2.1
IP Configure	⊙Static ○DHCP
Password Setting	
Jsername	admin max:15
Password	••••• max:15
Confirm	*****

# **Change baudrate**

#### Click UART of left menus

Administrator Setting <u>TCP Mode</u> <u>UDP Mode</u> <u>UART</u> <u>Reset Device</u>

# UART Control

	1		
Item	Setting		
Mode	RS232		
Baudrate	57600 🗸		
Character Bits	8 🗸		
Parity Type	none 🗸		
Stop Bit	1 🗸		
Hardware Flow Control	none 🗸		
	□Character 1: 00 , □Character 2:FF		
Delimiter	$\Box$ Silent time: 5 (1~255)*200ms		
	□Drop Character		
Update			

## **Change TCP mode**

Click TCP Mode of left menus Sever mode: ignored Client mode: need set host IP address Port number: same with host

← → @ http://192.168.2.1,		÷ ¢	搜索	+ ۵	6) 12 19 C
<pre>@ 192.168.2.1 × Administrator Setting TCP Mode UDP Mode</pre>	TCP Control				
<u>UART</u> <u>Reset Device</u>	Item		Value		
	Telnet Server/Client		●Server ○Client○	Disable	
	Port Number		23		
	Remote Server IP Address		192 . 168 . 2 .	100	
	Client mode inactive timeout	0	minute (1~99,0=	=Disable)	
	Server mode protect timeout	0 minu	ute (1~98,0=Disable,	99=Can't repl	lace)
		Update	]		

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