



Quick Start Guide

Ethernet TO RS232/422/485 Serial Converter MODEL USR-N520



1. Hardware Installation

- Use a standard Ethernet cable to connect the USR-N510 to an Ethernet router or connect it directly to a PC.
- RS-232/422/485 can connect with a PC or other serial port device by serial cables



2. Serial Port

RS-232 DB9 Male Port

RS-485/422 Terminal header (Will provide connector)

DB9 Pin	RS-232	RS-422	RS-485 Half Duplex
1			
2	RXD	RX+	
3	TXD	TX-	Data-
4			
5	Ground		
6			
7	RTS	TX+	Data+
8	CTS	RX-	
9			

2*Serial Port RS232 / 485 / 422



3. Software Installation

- Download Setup/Test program from website
- Install Virtual COM software- VCOM
<http://www.usriot.com/p/2-ports-serial-device-servers/>

Note: Be sure you have administrative rights and disable any firewalls/anti-virus software when install software.

4. Configure USR-N520

- Assign a static IP address to your computer in the **192.168.0.2 to 192.168.0.254** range. Mask **255.255.255.0**. Ensure that your PC can communicate with your N520.
- The **default IP address of USR-N520 is 192.168.0.7**. Open your web browser and enter this IP to connect to USR-N510 for configure.

Default Parameters

User Name	admin
Password	admin
IP address	192.168.0.7
Mask	255.255.255.0
Gateway	192.168.0.1
Work Mode of Port 1	TCP Server
Local Port of Port 1	23
Work Mode of Port 2	TCP Server
Local Port of Port 2	26
Baud Rate	115200
Parity bit/Data bit/Stop bit	None/8/1

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