Industrial serial server (usr-n520 as an example)

instructions

Instructions:

1 The way of direct connection

The existing methods are not described in detail here.

2 Router direct connection mode

I. Serial server network port directly connected to the computer network

port setting parameters. First, set the local connection of PC as fixed IP, as shown

in the figure below:

以太网 龍性		×	Internet 协议版本 4 (TCP/IPv4) 屬性	
网络 共享			常规	
连接时使用: 😴 Realtek Gamin	g GbE Family Controlle	br	如果网络支持此功能,则可以获取自 络系统管理员处获得适当的 IP 设置。	动描派的 IP 设置。否则,你需要从网
此连接使用下列项目(O	i):	陀爾 (C)	 ○ 自动获得 IP 地址(O) ● 使用下面的 IP 地址(S): 	
 ✓ 早Microsoft 网络 ✓ 早Microsoft 网络 ✓ 早Realtek Light 	各客户端 各的文件和打印机共享 Weight Filter (NDIS6.40	0	IP 地址(I): 子网掩码(U):	192 168 0 100 255 255 255 0
☑ ♀ QoS 数据包计 ☑ ▲ Internet 协议 ■ Microsoft 网络	划程序 反本 4 (TCP/IPv4) 6活配器名路传送器协议		默认网关(D):	192 . 168 . 0 . 1
Microsoft LLD	DP 协议驱动程序 后本 6 (TCP/IPv6)		○ 自动获得 DNS 服务器地址(8) ●使用下面的 DNS 服务器地址(E)	þ:
安装(N)	\$0程(U)	屬性(R)	首选 DNS 服务器(P):	
描述			备用 DNS 服务器(A):	
于在不同的相互连接	het mut, temucation 納阿塔上邊信。	tu akrintariya, M	□退出时验证设置(L)	魔级(V)
	24	定取消		魏定取消

II . Open the parameter setting software usr-tcp232-m4, e45-v2.3.0.78.exe, click "search device", click the searched module IP, and the figure below shows the setting parameters of usr-n520. Because the baud rate of our machine is 38400, the check bit is none, the data bit is 8, and the stop bit is 1, the parameters of usr-n520 should also be consistent with it.



III. Virtual serial port software setting parameters. When the virtual serial port

created is successfully connected to the serial port server, the network status is connected. If the status is listening, please check whether the previous setting parameters are wrong. Setting parameters in LAN when serial server network port

connects router

使 4 2 P 使 4 4 8 F MAC 地址 初本 192 168 1028-4520 9C A5 25 m. 2003 ・ ロ 点 用 4: 115200 (1) や ロ 4: 115200 (1) や U 4: 11520 (1) や U 4: 11520 (1) や	

子用規時 x 255.235.235. (Y) 自意描述 (Y) 用 美, 192.168.0.1 (Y) 透見描述	

After setting successfully, it will show connected. Note: the local port number of different ports can not be the same, it needs to be greater than 5000, and the port number cannot be occupied.



If the device is successfully added, it will be prompted that the device is successfully added. When the virtual serial port is successfully connected with the serial port server, the network status is connected. If the status is listening, please check whether the previous setting parameters are wrong.

3 Indirect connection mode of router

I. Connect the network port of usr-n520 with the computer network cable

on the same network router.

II. Open the parameter setting software usr-tcp232-m4, e45-v2.3.0.78.exe,

click "search device" and click the module IP searched, as shown in the figure:

会 USR-TCP232-M4,E45 V2.3.0.78 设备() English() 帮助(Z)	- 🗆 ×
搜索列表 [在搜索列表中单击设备即可读取参数]	靖口1 靖口2
设备IP 设备名称 Martitut 版本	
192.168.1.3 USR-N520 9C A5 25 B 3033	申口波特字: 115200 ∨ (?)
	校验/数据/停止: NONE V 8 V 1 V (?)
	串口流控制: None √ (?)
< >	工作方式: TCP Client 🗸 (?)
	目标IP/域名: 192.168.1.4 (?)
○ 投索设备 □ 清滞ARP次 □ 荒容E45 □ 荒容E45	远程墙口: 20302 (?)
	本地场口: 20302 (?)
📄 打开网页 🛛 💊 设备重启 🦃 🦃 恢复出厂	TCP Server 样式 透明传输 🗸 (?)
基础设置	ModbusTCP: (?)
	串口打包时间: 0 毫秒 (0 [~] 255) (?)
IP地址换型: DHCP/动态1 ~ (?)	申口打包长度: 0 字节 (0 [~] 1460) (?)
模块静态IP: 192.168.0.7 (?)	☑ 同步波特率(类RFC2217) (?)
子网推码: 255.255.255.(?)	」 倉用還传云 (?) 设各编号
两 关: 192.168.0.1 (?)	通讯密码
完整显示 → 🖌 🖌 基础设置	✔ 坊口2设置
在线设备数:	1 搜索端口: 1901

III. In the basic settings, change the IP address type to "DHCP / dynamic IP", click "basic settings", and select the working mode of the corresponding port as TCP server. After modifying the parameters, click the port 1 setting below, as shown in the figure:



IV. After the parameter modification is completed, the corresponding virtual serial port is configured on the computer of the same network segment in the LAN. The specific parameters are the same as the router direct connection mode

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£ \$04	+=##	中口状态	网络协议	目標1P	目标端口	本地端口	申口按 仪	网络接续	网络状态	注	CloudID	1
COMS		未使用	TCP Client	192.168.0.7	20207		0	54125	口语按	0		