## ST-TCPIP USER GUIDE

1. Connecting the Hardware



Please follow the connection shown in the diagram above to connect D+ and D- to RS-485 readers (at most 255 units) by using 10/100M RJ-45 cables.

## 2. Setting the Software:

Start the ST Broadcast program.

	TCP/IP Broadcast			
Get Device				
IP	Sub Mask	MAC Address		
2.168.000.120	255.255.255.000	55 B4 0D EB 1C AC		
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100 160 000 100	Cub Mack 255	255 255 000 Mor		

Please enter your IP address and click "Modify". And then close the program.

If you get no ST-IP, please close firewall. Alternatively, please set the configuration and connect the client computers.

In the TCP/IP Properties dialog box, on the General tab, verify that the check boxes, Obtain an IP address automatically and Obtain DNS server address automatically, are selected.

Step 2

Step 1	1
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onnect using:		
😗 Realtek RTL8	8139(A) PCI Fast Ethernet Ac	lapter
		Configure
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) 🛃 File and Prin	ter Sharing for Microsoft Net	works
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Install  Install  Description  Transmission Con wide area network	Uninstall	Properties
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Install Install rescription Transmission Con wide area networf across diverse int	trol Protocol/Internet Protocol k protocol that provides comi erconnected networks.	Properties bl. The default nunication

Seneral Alternate Configuration	1
You can get IP settings assigne this capability. Otherwise, you n the appropriate IP settings.	ed automatically if your network supports seed to ask your network administrator fo
ODbtain an IP address auto	matically
Use the following IP addre	355.
Subnet mask:	
Default gateway:	
Obtain DNS server addres	ss automatically
OUse the following DIVE set	iver addresses:
Preferred DNS server:	
Alternate DNS server:	
	Advanced

Click on searched IP address to enter the website-based configuration page.

🚰 Login - Microsoft Internet Explorer	
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; 網址D 🕘 http://192.168.0.10/	▶ 移至 🤅 連結
Controller	Status
System time elapsed	00:58:58
Firmware version	Jul 24 2007 10:51
Serial number	B2B-2991-3CD0932C
Setup Le Password Login	ogin 
⑧ 完成	網際網路

Click "Login" to enter the configuration page.

Please fill in "Static IP Address", "Subnet Mask", "Default Gateway" fields, in which the static IP is provided by your ISP and the default gateway is provided by your network Administrator.

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	EtherNet Settings				Update			
	Address Type	State			0			
	Static IP Address	192	168	1	51	6		
	Subnet Mask	255	255	255	0	1		
	Default Gateway:	192	168	1	1	-		
	MAC Address	55-84	OD EB-10-	Að		_		
	Firmware Updata	Eirm	ware Upda	ita				
					_			
	Local Port, Mode	100	TCP Server	1				
	Remote Port, IP	200. ()	P 0	0	10 I	9		
	Baud Rate	9500 •						
	Parity, Data Bits, Stop Bits	None • I	913					
	Flow Control	None _	1					
	Serial Port1			-				
	Local Port, Mode	101	TCP Server	1				
	Remote Port, IP	201 - 3	P I	5	a	a la		
	Baud Rate	9500	_					
	Parity, Data Bits, Stop Bits	None •						
	Port Type	RS485	•					
	GPIO	RS485	2222					
	Local Port, Mode	THE	TUT UP	1				
	Remote Port, IP	-		0	0	2		
	GPIO	Input • IC	input	102 Inp		3 Input 104		
					10	100		

The serial interface is a plug jumper selectable for RS232 or RS485 connections. For example, for using RS485 connection, the Serial Port is 100; for using RS232 connection, the Serial Port is 101.

Do not modify the rests of default values.