

Serial to Ethernet converter User manual

1: Introduction

This manual is intended for engineers responsible for integrating the NetToCOM into their product.

2: Description and Specifications

Technology Parameter

Ethernet Interface Parameter

Ethernet Types	10M Ethernet
Separate Protection	1.5KV Protection
Interface Types	RJ45

Serial Interface Parameter

Signal connect line	RXD TXD GND
Data bit	8 bit No verify
Stop bit	1
Baud rate	1200bps – 460,800bps

Ethernet Parameter

Supporting Protocol	ICMP, ARP, IP, TCP, UDP, DHCP
Operate Mode	UDP, TCP Server, TCP Client
Applications	NetToCOM.exe
Configure Mode	Use NetToCOM.exe to Configure the Parameter

Power supply Parameter

Input voltage	5V DC +/- 5%
Maximal electric current	200mA

Environment Parameter

Working Temperature	-40° C to +85° C
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Physics Pin Table

1	RESETN	Low level reset, The board can be reset by self while power on.
2	GND	
3	VCC3.3	DC 3.3V 1) Output while use DC 5V power supply. 2) Input while not use DC 5V power supply.
4	VCC5	DC 5V
5	GND	
6	RXD	Device TTL RXD
7	TXD	Device TTL TXD
8	GND	



Applications User guide

- 1、 Run the NetToCOM.exe.
- 2、 Click “Broadcast Search” to Search the modules.

NetToCOM

Broadcast Search

Module Name	IP Address
NetToCOM_001	192.168.1.13
NetToCOM_002	192.168.1.3

Module Name:

Connection Mode:

Port Address:

Remote IP Address:

Remote Port Address:

MAC Address:

DHCP Config:

DHCP Disable

IP Address:

Mask:

Gateway IP Address:

COM Port Baud:

Save Exit

- 3、 Select the module witch you want to change the Parameter.

NetToCOM

Broadcast Search

Module Name	IP Address
NetToCOM_001	192.168.1.13
NetToCOM_002	192.168.1.3

Module Name: NetToCOM_001

Connection Mode: TCP Server Mode

Port Address: 2001

Remote IP Address: 192.168.1.2

Remote Port Address: 2002

MAC Address: 0-4-163-0-0-13

DHCP Config: Disable

DHCP Disable

IP Address: 192.168.1.13

Mask: 255.255.255.0

Gateway IP Address: 192.168.1.1

COM Port Baud: BAUD_230400

Save Exit

- 4、 Change the Parameter.
- 5、 Click “Save” to save the Parameter.