



**The application and how to test the
communication of PC-T100**

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Setting

- TCP/IP Setting
 - IP Address
 - Gateway
 - Subnet Mask
 - Socket Port No.
 - DHCP Disabled
 - TCP Server
- Serial Port Setting
 - RS232(none)
 - Baud Rate/Parity/Data/Stop Bits

The network testing

- Do you detect the IP address?
- Do you have successfully connection?
- Have the same Baud Rate?
- Does it easy to disconnection?
- Other Problem

Testing Tools

- Dos Testing
- Hyper Terminal
The Hyper Terminal was building in the Windows system to test all connection situation (comport and TCPIP).
- Pegasus' tool
 - The TestTCP can test the communication.
- Other tools

How to solve Communication problem

PC \Leftrightarrow PC-T100

- You can't detect to IP address
 - IP address/ Gateway/ Subnet Mask
- Disconnection
 - The Port No. are discordant
 - Resist by Firewall
- Not stable network quality
 - Quickly disconnection
 - Hyper Terminal testing

How to solve Communication problem

PC-T100 ⇔ PCP-832

- You can use Hyper Terminal or TestTCP to do test
 - It will mean communication successfully if you got the normal feedback
 - If You have error feedback please check the interference or PCP-832 problem
 - No feedback mean disconnection
- Why have fail connection
 - The Baud Rate are discordant
 - The cable problem
 - The power problem
 - The PCP-832 have problem
- Other message Interference
 - You didn't make the grounding wiring
 - Other environment interference

How to solve Communication problem

PCP-832↔ Controller

- You can use TestTCP to do test
 - It will mean communication successfully if you got the normal feedback
 - If You have error feedback please check the interference or Controller problem
 - No feedback mean disconnection
- Why have fail connection
 - The Baud Rate are discordant
 - The cable problem
 - The power problem
 - The Controller have problem
- Other message Interference
 - You didn't make the grounding wiring
 - Other environment interference