

The top half of the page features a light blue background with a faint world map and a fingerprint pattern. The FingerTec logo is positioned in the upper left quadrant of this section.

FINGERTEC.

HARDWARE

CONNECTION THROUGH ETHERNET

SUGGESTIONS & SOLUTIONS FOR HARDWARE

1. Make sure the communication settings in the reader are configured as below.
To enter communication settings follow the steps below:

MENU > OPTION > COMM OPT

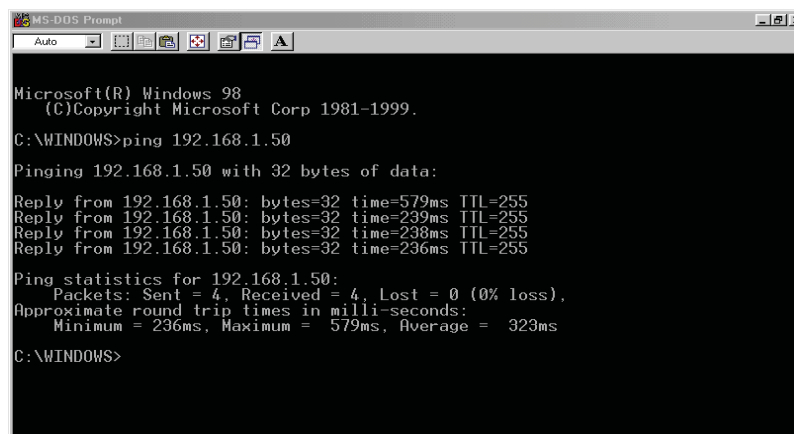
Baud Rate	115200
Dev Num	1
IP Add	192.168.1.201
Net Speed	10M-F
Ethernet	Y
RS232	N
RS485	N
Comm Key	0

2. The IP address set in the reader must be the same as set in software. Example:

In WAC 101 **192.168.1.201**
In TCMS v2 software **192.168.1.201**

After setting up the IP address, try to test the connection by using **“ping”** command.

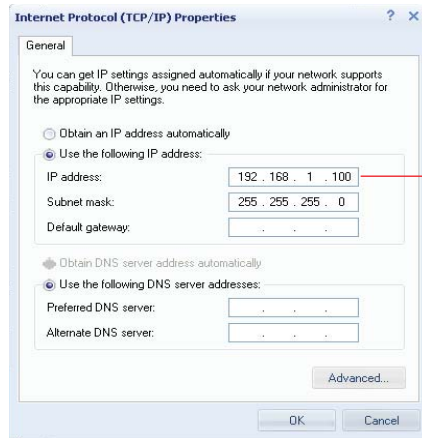
Open **MS-DOS-PROMPT** in windows program, enter ‘ping 192.168.1.201’ (or other IP address configure in the device). If the connection is fine then device will reply to the computer. An example the result will show as below:



```
MS-DOS Prompt
Auto
Microsoft(R) Windows 98
(C)Copyright Microsoft Corp 1981-1999.
C:\WINDOWS>ping 192.168.1.50
Pinging 192.168.1.50 with 32 bytes of data:
Reply from 192.168.1.50: bytes=32 time=579ms TTL=255
Reply from 192.168.1.50: bytes=32 time=239ms TTL=255
Reply from 192.168.1.50: bytes=32 time=238ms TTL=255
Reply from 192.168.1.50: bytes=32 time=236ms TTL=255
Ping statistics for 192.168.1.50:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 236ms, Maximum = 579ms, Average = 323ms
C:\WINDOWS>
```

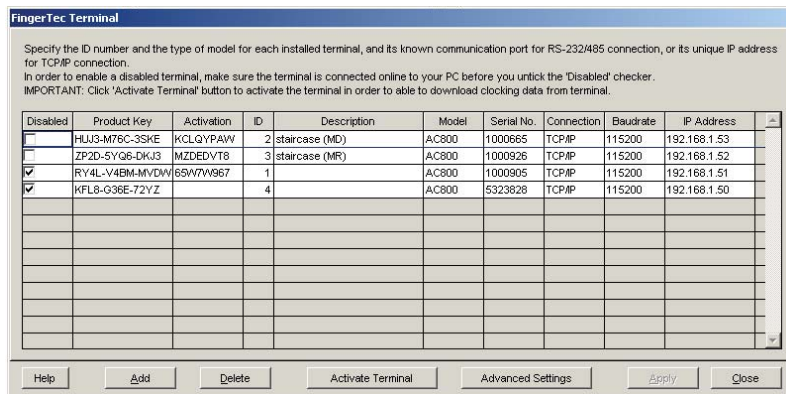
For **Windows XP user**, they are advised **to assign a specific IP address** for computer in used before using the “ping” command.

If no IP has been assigned. The device will not reply to the ping command and instead **“unreachable destination”** will be shown on the screen.



Assign an IP address for computer if Windows XP is used.

3. You may now **launch TCMS v2.1.0** software by double-clicking TCMS v2 icon. Look for the option **“Finger Biometric Settings”**. In Finger Biometric Option, select the **“FingerTec® Terminal Setting”** to configure as below:



Take note on the followings:

- Make sure the column "Disabled" is unchecked.
- Make sure your product key and activation code are the same as on software installation CD.
- ID number of device is the same as in the column "ID".
- Select the TCP/IP in the column "Connection".
- Ignore Baud rate when you are using TCP/IP as connection.
- IP address of device is the same as displayed in the column "IP address".
- Always leave the column "Key" as blank.