

FING@RTEC. CONNECTION THROUGH ETHERNET

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	Υ
RS232	Ν
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 In TCMS v2 software 192.168.1.201 192.168.1.201

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				_ <u>= </u> = ×
Auto 💽 🛄	🖻 🔁 🗗 🗚			
Microsoft(R) (C)Copyrig	Windows 98 ht Microsoft Cor	р 1981-1999.		
C:\WINDOWS>pi	ng 192.168.1.50			
Pinging 192.1	68.1.50 with 32	bytes of data:		
Reply from 19 Reply from 19 Reply from 19 Reply from 19	2.168.1.50: byte 2.168.1.50: byte 2.168.1.50: byte 2.168.1.50: byte 2.168.1.50: byte	es=32 time=579ms TTL=25 s=32 time=239ms TTL=25 s=32 time=238ms TTL=25 s=32 time=238ms TTL=25 s=32 time=236ms TTL=25		
Ping statisti Packets: Approximate r Minimum =	cs for 192.168.1 Sent = 4, Receiv ound trip times 236ms, Maximum	50: wed = 4, Lost = 0 (0% lo in milli-seconds: = 579ms, Average = 32	bss), 23ms	
C:\WINDOWS>				
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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.

You can get IP settings assigned this capability. Otherwise, you ne the appropriate IP settings.	automatically if your network supports ed to ask your network administrator for natically	
Ose the following IP addres	s:	
IP address:	192.168.1.100	Assign an IP addres
Subnet mask:	255 . 255 . 255 . 0	for computer i
Default gateway:		Windows XP is used
Obtain DNS server address Obtain DNS server address	automatically	
Preferred DNS server:		
Alternate DNS server:	(a (a (a)	
	Advanced	

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:

MPORTAI	NT: Click 'Activate Ter	minal' button to	activa	ate the terminal in order to able	to download	I clocking data	a from termina	al.		
Disabled	Product Key	Activation	ID	Description	Model	Serial No.	Connection	Baudrate	IP Address	-
-	HUJ3-M76C-3SKE	KCLQYPAW	2	staircase (MD)	AC800	1000665	TCP/IP	115200	192.168.1.53	
	ZP2D-5YQ6-DKJ3	MZDEDVT8	3	staircase (MR)	AC800	1000926	TCP/IP	115200	192.168.1.52	
~	RY4L-V4BM-MVDW	65///7//967	1		AC800	1000905	TCP/IP	115200	192.168.1.51	
7	KFL8-G36E-72YZ		4		AC800	5323828	тсрир	115200	192.168.1.50	
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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.

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