

8 INTERFACE

8.1 PC INTERFACE

SM 90 can be connected to the PC through Ethernet , RS485 4 line and RS232C interface. The Client / Server (Ethernet interface only) interface protocol is shown below.

8.1.1 CONFIGURATION OF ETHERNET COMMUNICATION ON PC

INSTALLATION OF ETHERNET CARD USING WINDOWS 95

Please refer to the instruction manual of the Ethernet card on how to install the Ethernet card to your PC or Laptop.

Installation of TCP / IP Protocol

After installing the Ethernet card, we need to install the TCP / IP Protocol. Go to

My Computer → Control Panel → Network

A window will show the type of Ethernet card you have installed, if the window shows no display of your Ethernet Card. Reinstall the Ethernet card again.

Click the Add button. You will see another Window. Double click **Protocol** and another window will appear. Select **Microsoft** at the left and follow by **TCP / IP** at the right side of the window. Click the OK button. Have the Windows 95 installation CD or diskettes ready, in case the PC may prompt for it.

Configuration of Ethernet Card on PC Using Windows 95

After installing the Ethernet card and TCP / IP protocol, configure the TCP / IP protocol to get ready to communicate with the network.

My Computer → Control Panel → Network→TCP/IP of Ethernet card (Select Properties)

IP address : 192.168.0.XXX ----- XXX – a number between 100 to 255 as SM 90 use 0 to 99.

Submask : 255.255.255.0

The above IP address is used as a default address for SM 90 Ethernet communication.

Due user's preference, the IP address can be changed as required. The scale IP address have to be changed so as to be in the same submask network as the PC.

For the PC and scale(s) to be in the same submask, the first three set of numbers of the IP address for both the PC and scale(s) must be the same. For an example if the PC IP address is changed to 192.168.168.XXX, the SM 90 scale IP address has to be changed to C0.A8.A8.XXX (in hex value) = 192.168.168.XXX. The last set of digits of the IP address (underlined) should not be similar among the PC and scale(s) or other devices within the same submask at all times. The last set of digits of the scale IP address follows the value of SPEC 135. It is between 1 to 99. The procedure to change the scale IP address is mentioned as follows.

NOTE: This is part of the manual covering Scale to PC Interface
A Total of 20 pages.

This is a “Table of Contents preview” for quality assurance

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