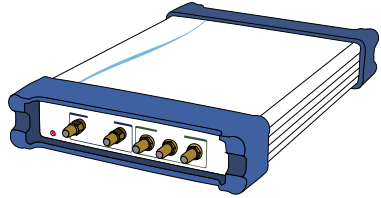


PicoScope 9211A

Configuring the LAN interface



I. To select between the LAN and USB interfaces



1. Power on the instrument with the power adaptor. The interface that was last used will still be active.
2. The "ON" LED shows the interface status as follows:
 - LED blinks with approximately 1 second period: neither interface cable is connected
 - LED blinks yellow: LAN interface is active
 - LED blinks green: USB interface is active
3. After full connectivity is established, the "ON" LED lights continuously green regardless of which interface is in use.

Note. Full connectivity requires the following:

 - connected interface cable
 - software running on the host PC
4. To change the interface, do the following:
 - a. Power off the instrument.
 - b. Press and hold the "RST" button located on the rear panel. Use a thin stylus such as the point of a ball-point pen.
 - c. Power on the instrument.
 - d. Release the "RST" button. The "ON" LED blinks alternately yellow and green with approximately 10 second period.
 - e. To select the USB interface, press and release the "RST" button when the "ON" LED is green.
 - f. To select the LAN interface, press and release the "RST" button when the "ON" LED is yellow.

Notes.

- The selection will be ignored if the color of the "ON" LED when the "RST" button is pressed is different from the LED color on releasing the button.
- After the interface has been selected correctly, the "ON" LED blinks with the appropriate color (see point I.2 above).

II. To configure the instrument to work with the LAN interface

1. The PicoScope 9211A leaves the factory with the following TCP/IP properties:

- a. IP address: 192.168.0.221
- b. Subnet mask: 255.255.255.0
- c. Gateway: 192.168.0.1

You can change these properties to use the instrument in your LAN. Alternatively, you may wish to reset the TCP/IP properties to their factory values.

2. The following procedure should be used to reset the TCP/IP properties to their factory values:
 - a. Select LAN interface as active (see point I.4 above).
 - b. Power off the instrument, and then power it on. As the result, the "ON" LED should blink yellow with approximately 1 second period.
 - c. Press and hold the "RST" button until the "ON" LED becomes green (this may take approximately 3 seconds).
 - d. Release the "RST" button. The instrument returns to its factory TCP/IP properties, and the blink period of the "ON" LED decreases to 0.3 seconds.
 - e. The factory TCP/IP properties are active while the instrument is powered on. When powered off, the instrument returns to its previous TCP/IP properties.

3. How to set new TCP/IP properties.
 - a. Open the TCP/IP properties window on your computer*. Record the existing network settings.
 - b. Disconnect your computer from its LAN.
 - c. Connect your computer to the PicoScope 9211A using the crossover Ethernet cable provided.
 - d. Reset the instrument's TCP/IP properties to their factory values (see point II.2 above).
 - e. Change the TCP/IP settings of your computer to the following:
 - IP Address: 192.168.0.2
 - Subnet Mask: 255.255.255.0
 - Default Gateway: 192.168.0.1
 - f. Run the PicoScope 9000 software with factory settings, using the following method:
 - Select the PicoScope 9000 icon on your desktop with a single click.
 - Press and hold the left "Shift" key on the keyboard.
 - Run the software with the "Enter" key.
 - Release the left "Shift" key.

The software should run and communicate with the instrument.
 - g. The "TCP/IP Properties" window of the software should open automatically. If it does not, use the following procedure:
 - Right click the "Help" button.
 - Click "About...".
 - Click "TCP/IP Properties..."
 - h. Click "Set New TCP/IP Properties". Set the necessary TCP/IP properties*. Click "Store".
 - i. Close the software and power off the instrument.
 - j. Disconnect the crossover Ethernet cable from both the instrument and the computer.
 - k. Connect the instrument to the LAN with a standard LAN cable and power on the instrument.
 - l. Connect your computer to the LAN.
 - m. Restore the original TCP/IP settings on your computer (see point II.3.a).
 - n. Run the software. Your PicoScope 9000 is ready for measurements.

* Check with your Network Administrator if you have questions.

Issue history:

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|---|---------|----------------------------|
| 1 | 27.1.09 | First issue. |
| 2 | 27.4.10 | Part no. changed to 9211A. |

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