



SS6420E Quick Setup Guide

This document provides instructions for connecting, configuring and operating your Sensorsoft SS6420E Contact & Voltage Sensor.

Connecting the SS6420E

Use the following procedure to connect the SS6420E to power and network:

1. Plug the supplied PA6106 or PA6206 power adapter into the mains AC outlet. Connect the 2.1 mm plug of this power adapter into the SS6420E power jack labeled 6 VDC.
2. Connect an Ethernet patch cable (not supplied) between the SS6420E modular jack (10/100BT) and your network hub or switch.
3. You should see a continuous green light illuminate on the SS6420E modular jack. This will signify that the SS6420E is powered and you have a LINK (connection) with the network hub/switch. If not, you will need to ask your network administrator to find an active Ethernet port on your hub or switch.

WARNING: We highly advise that you plug the mains AC end of the PA6106/PA6206 power adapter into a UPS (Uninterruptible Power Supply) so that the SS6420E will continue to operate in the event of a power failure.

Configure the IP Settings (choose one of the following methods)

Method 1 – Using DHCP (default):

By default the SS6420E is setup in the factory to use DHCP to acquire an IP address. If you do not have a DHCP server on your network use method 2 described below, to assign a static IP address. To determine what IP address the SS6420E acquired via DHCP, please contact your network administrator or use the software in Method 2 to perform a search.

Method 2 – Using Windows software:

To use Windows software to find or assign an IP address for your SS6420E you must follow the steps below:

1. Download and install the following software on a networked Windows computer:
<http://www.sensorsoft.com/download/device-installer-4.3.0.9-setup.exe>
2. After installation, run the Device Installer software from the Windows start menu.
3. Power the SS6420E using the supplied AC-DC power adapter (P/N PA6106 or PA6206-xx) and connect it to your network using an Ethernet patch cable (P/N C2006).
4. Click the “Search” button on the software’s menu bar.
5. After a couple of seconds an item should appear, labeled XPort-0x (x = 3, 4 or 5). If several items appear, select the item that has your MAC address (printed on the SS6420E enclosure).

6. If the selected item is in a red colour, click the “Assign IP” button to assign a static IP address and follow the on-screen wizard instructions. If the selected item is in a black colour, it has already obtained an IP address using DHCP.
7. If using DHCP, telnet to port 9999 and use Server menu (0) to assign the device name that will be reflected in DNS.

Method 3 – Using the ARP and Telnet command on a Windows/LINUX/UNIX computer:

For this method to work you must be logged in as the administrator or root on your computer. The format of the MAC address below will vary depending on your operating system, please refer to the arp command help on your computer. The MAC address for this Sensorsoft device is printed on its enclosure. Power the SS6420E using the supplied AC-DC power adapter (P/N PA6106 or PA6206-xx) and connect it to your network using an Ethernet patch cable (P/N C2006). Follow the command procedure below to assign the IP address:

```
> arp -s ip_address MAC_address
> telnet ip_address 1 (this command should fail)
> telnet ip_address 9999
Press the <Enter> key immediately
Type 0 to configure the IP settings
Type 9 to save these settings permanently
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Configure your Sensorsoft software to monitor the SS6420E

Please refer to the applicable Sensorsoft software User Manual to configure the software for the IP address and TCP port number (default 3001) that you choose above.