



[EN] Eltek SP2 and Eltek SPS controller  
- Firmware upgrade Procedure -  
Issue 1

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## Safety Precautions

### General precautions



**CAUTION:** Even though the product incorporates protection circuitry and other safeguards, it can be **damaged, perform poorly or have a reduced lifetime** if it is exposed to **incorrect treatment** during transport, installation or service. Always handle the equipment using proper lifting techniques, do not roll, climb or drill hole in the cabinets or enclosures.

### Precautions during disassembly



**CAUTION:** Read the user documentation carefully before commissioning and using the equipment, as installation and operation is to be performed as described in it. Always tighten screws and bolts with the **torque values recommended** in the documentation. For safety reasons, the **commissioning and configuration of the equipment is only to be performed** by *Camusat* personnel or by authorized and qualified persons.



**CAUTION:** Before you start the electrical installation, you must **always disconnect** all external AC supply fuses, as well as internal battery and load fuses/ breakers, if any.



**WARNING:** For safety reasons (high leakage current / high touch current) you must always connect the AC earth wire (PE) to the terminals, before you connect the AC input cable(s).  
The batteries, represent a major energy hazard. To avoid short-circuit of battery poles, you must always remove metallic objects — uninsulated tools, rings, watches, etc. — from the vicinity of the batteries.

## 1. Equipment / Tool required

To perform this this process, you will need the next equipment:

- a laptop;
- “Eltek Network Utility” software installed on your laptop;
- a Cat5e RJ45 Ethernet LAN Network Cable.



## 2. The Laptop – Eltek SP2 / Eltek SPS connection

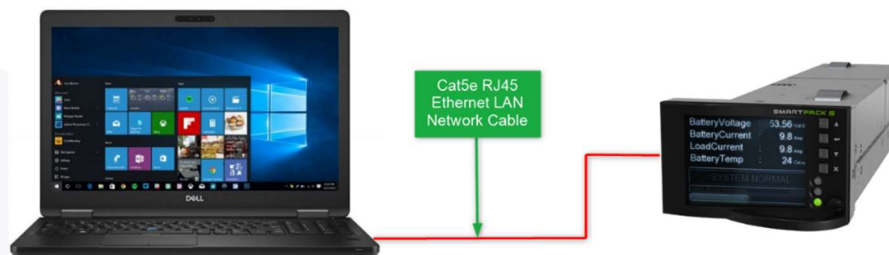
- Connect your laptop to the Eltek SP2/Eltek SPS LAN port with a Cat5e RJ45 Ethernet LAN Network Cable.

\*Note:

- The EltekSP2 and Eltek SPS controllers usually have the IP address 192.168.10.20
- Both for Eltek SmartPack2 and Eltek SPS the firmware upgrade procedure is the same.

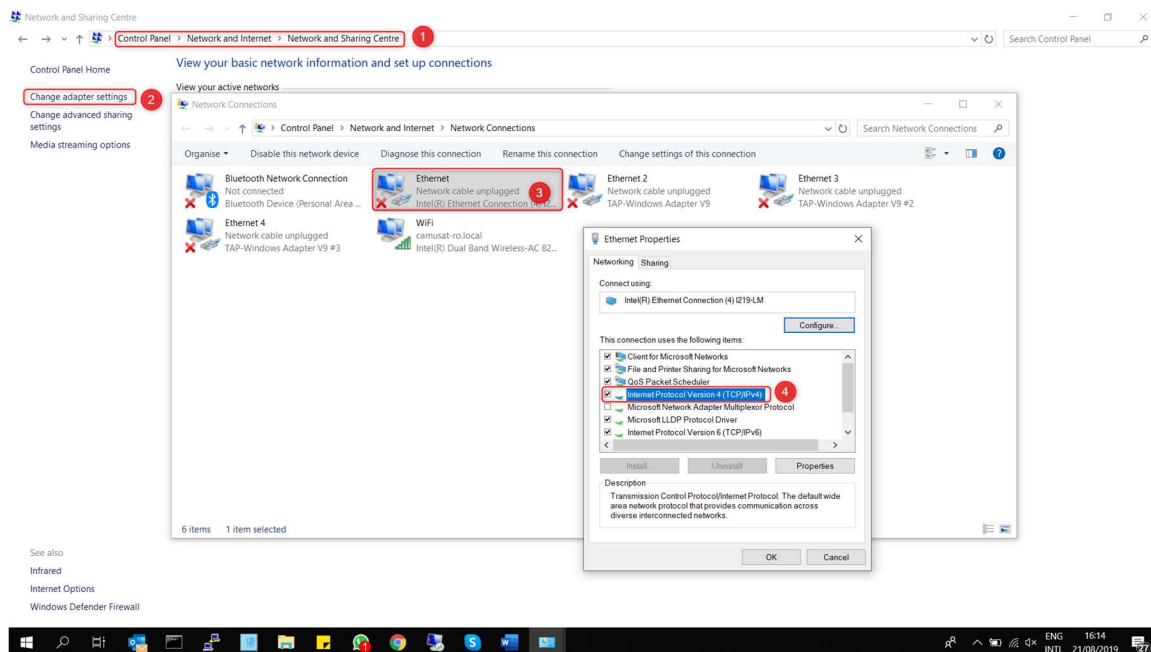


or

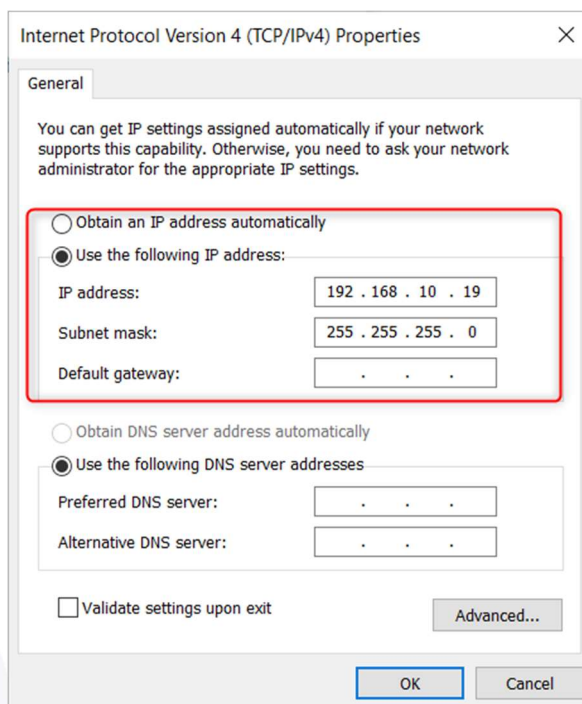


## II. Set manually the IPs on the Laptop's Network board

- Go to : **Control Panel\Network and Internet\Network and Sharing Centre (1)** – **Change adapter settings (2)** – **Ethernet (3)** – **Internet Protocol Version 4 (TCP/IPv4) (4)**

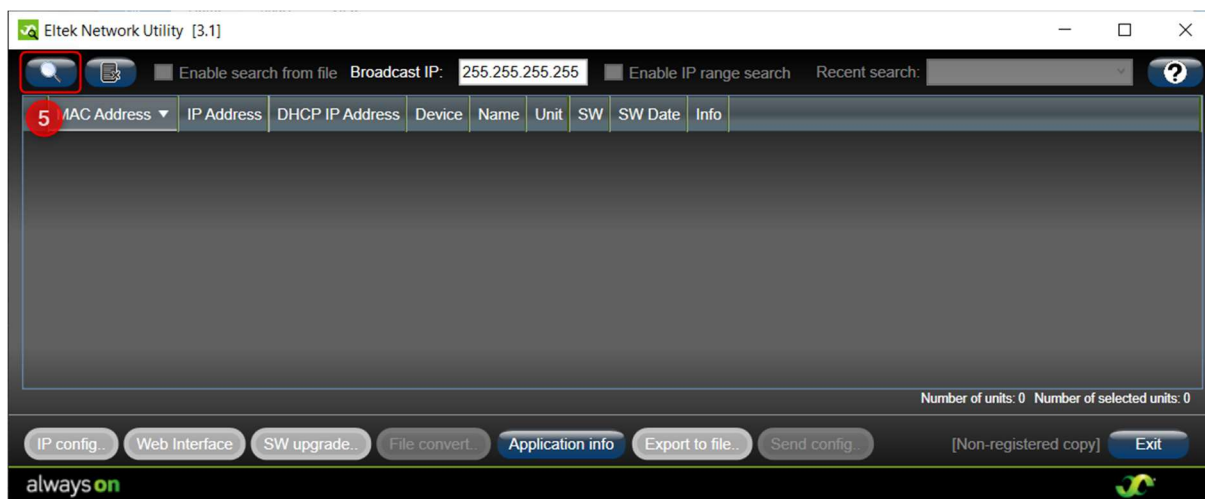


- Select: Use the following IP addresses and set the IP-s like in the next photo.



### 3. Firmware upgrade

- I. Launch the “Eltek Network Utility” software.
- II. Search the EltekSP2 device, by clicking on “**Search for devices**” (5) button.



- III. Select the device (6) and click on “**SW upgrade**” (7) button.



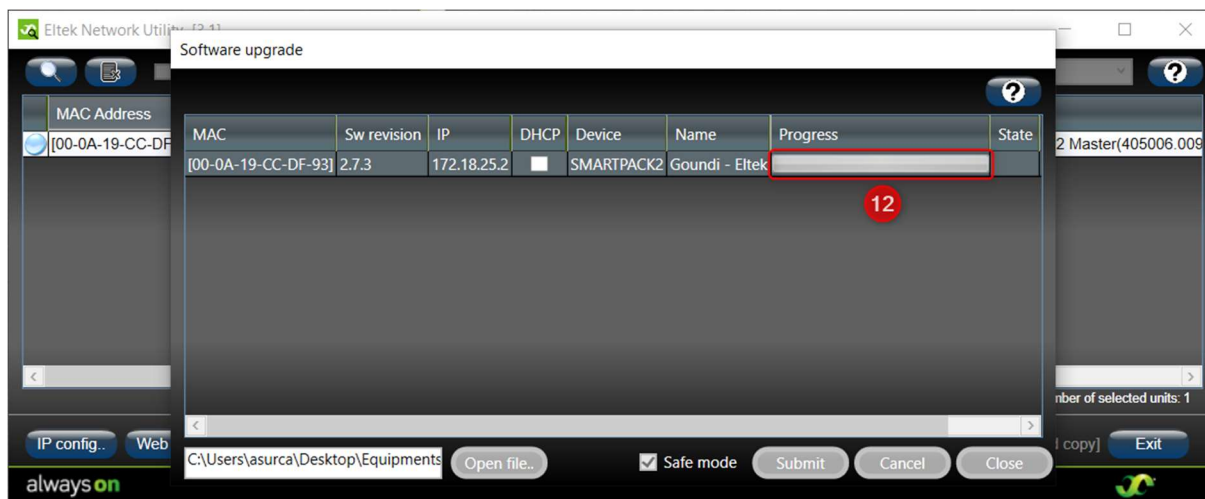


- IV. Select the device **(8)**, check the **“Safe mode” (9)** box, browse for the firmware file **(10)**, click on **“Submit” (11)** button.



**!!! Very important:** Make sure that the **“Safe mode”** box is checked otherwise you can damage the Eltek controller.

- V. Wait till the progress bar is full.







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