USER MANUAL

soleux

IP controlled PDU

ENGINEERED AND ASSEMBLED IN THE EU

+33 678 630 968
sales@soleux.com
support@soleux.com
soleux.com

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ABOUT

- This guide provides a brief introduction of the SOLEUX IP controlled PDUs:
    - SLX-2004-M-IP-2R
    - SLX-2005-M-IP
    - SLX-2006-IP
    - SLX-2006-M-IP-2R
    - SLX-2007-M-IP
    - SLX-2008-IP
- All images, parameters and descriptions documented in this guide are used for demonstration only.

With 4 to 8 smart outlets and Individual control for each outlet by TCP/IP raw commands, HTTP or personalized Windows software, the Soleux IP controlled PDU is ideal for any professional AV & IT installation and as well for domestic usage.

This consist with On/OFF scheduling for each individual outlet and in advance, power tasks can be defined daily , weekly and user definition.

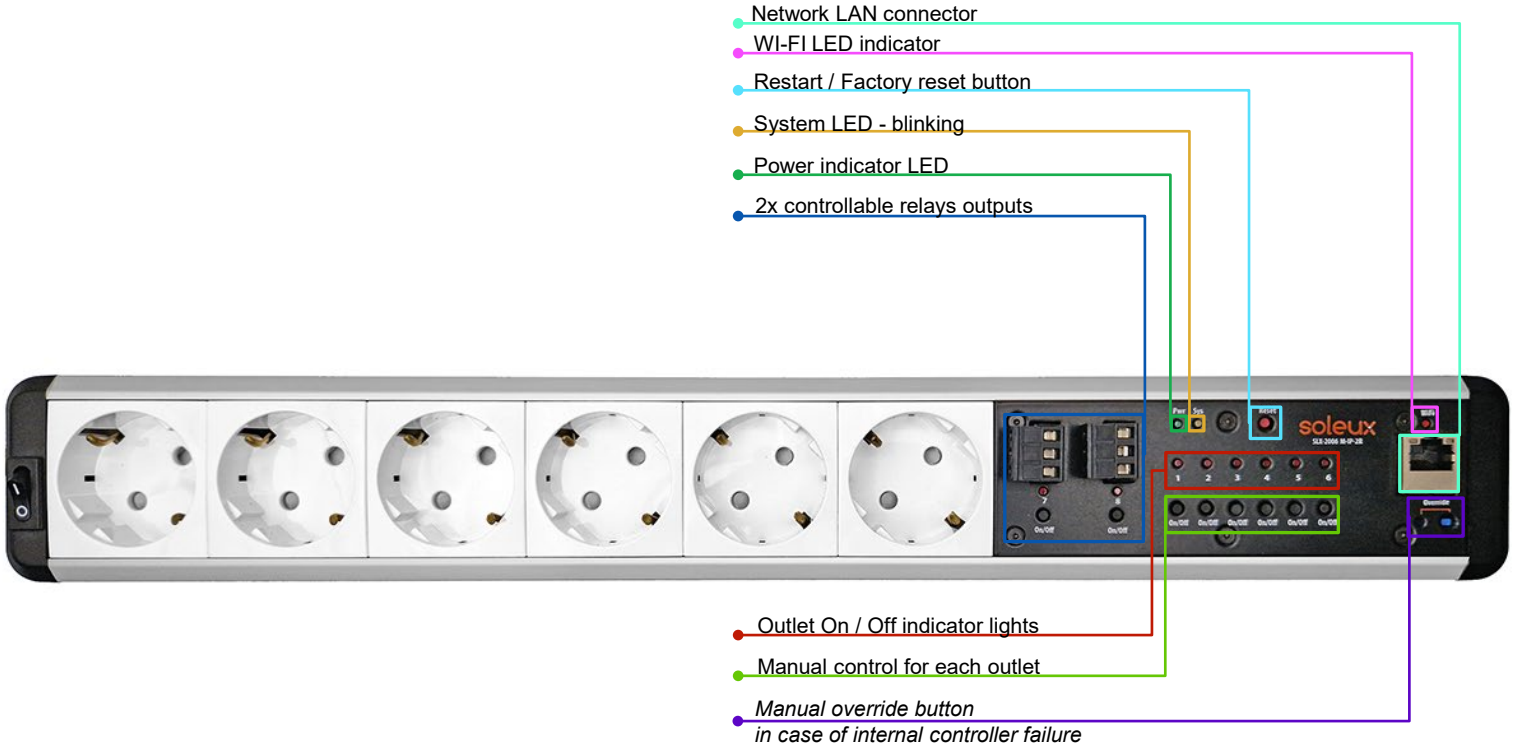
The Web interface of this smart extension cord provides easy step-by-step installation instructions and convenient remote control from anywhere.

- **Indicator light:** An indicator light for each outlet which shows the user which outlet is active
- **Manual Control:** Enables to control each outlet manually, installed on the PDU front side for models: SLX-2004-M-IP-R, SLX-2005-M-IP-R, SLX-2006-M-IP-R, SLX-2007-M-IP. .
- **Safety:** Manual override button in case of internal controller failure.
- **Easy Integration:** Easy integration with any third-party control system.
- Complete set of TCP/IP commands list available.
- **Temperature Control:** Internal temperature sensor with Internal FAN cooler which manageable from the web interface.
- **Scheduling:** Build in Real Time Clock which enables to schedule each outlet.

FEATURES

- Individual control for each outlet by HTTP or TCP/IP
- On/Off scheduling for each individual outlet. Power tasks can be defined daily, weekly and user definition.
- Support indicator light notice. There is an indicator light for each outlet which shows the user which outlet is active.
- Manual control for each outlet, installed on the PDU front side.
- Manual override button in case of internal controller failure.
- Last known state power-on for each outlet.
- Input Voltage: 100-240V 50/60Hz
- Max Load: 3500W 16A
- Outlet: AC 100-240V, 50/60Hz 6A max
- Communication: Wi-Fi and LAN
- Wireless Frequency: 5GHz & 2.4GHz
- Wireless IEEE Standards: 802.11 a/b/g/n/ac
- Easy integration with any third-party control system. Complete TCP/IP command list available.
- Internal temperature sensor
- Internal FAN cooler manageable from the web interface.
- Temperature control Fan.
- Aluminum case
- Power Cable: approx. 2m & 3 x 1.5 mm
- 19" rack mounting brackets for the 6 outlets unit

APPEARANCE



SETTING UP

- Connect the power cord of the PDU to the power supply outlet.
- Plug your equipment into any of the PDU's output plugs.
- Connect an Ethernet cable from the PDU to your network
- Turn the PDU's switch to the "I" position.
- By default, the PDU comes with the network setting on DHCP. Check your router DHCP lease list and identify the IP address assigned to the Soleux PDU.
- In case you have no DHCP server into the network, you can reset the PDU to the default network settings by push and hold the "reset" button for more then 12 seconds. The default IP address is: 10.10.10.10.
- Manually set the IP on your computer to 10.10.10.xxx (except 10.10.10.10).
- Open a browser and type the PDU IP address. The login page should open.
- Default credentials: User: admin / Password: admin

CE & FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the CE & FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential and marine installation.
This equipment can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

TECHNICAL SUPPORT

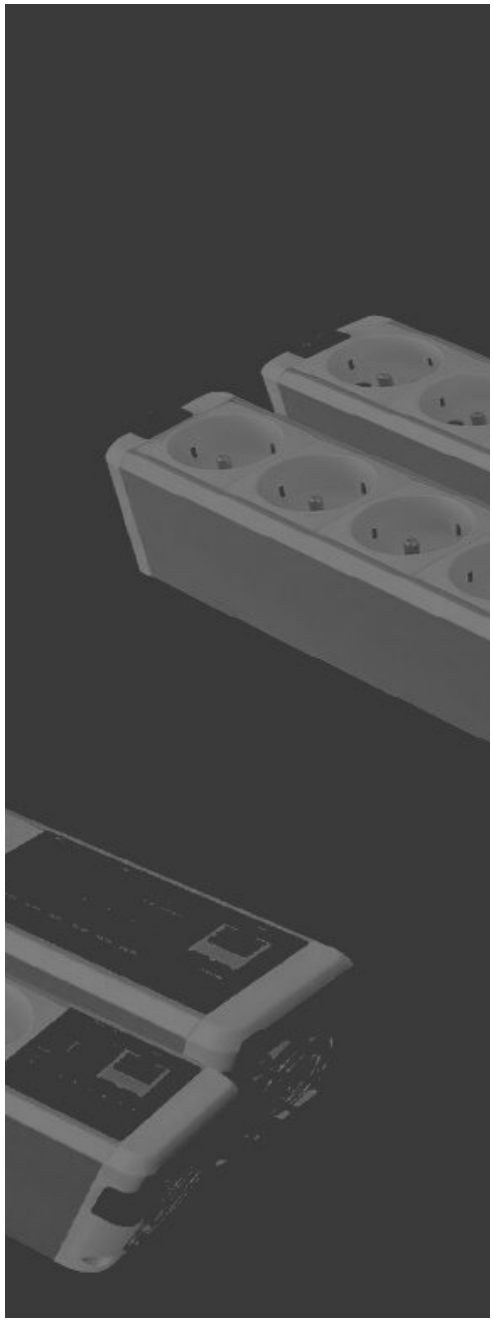
SOLEUX TECHNICAL SUPPORT is an integral part of our commitment to provide long term solution. If you need any help, send us an email to support@soleux.com and our team is always prepared to support you. For the latest drivers/software, please visit www.soleux.com.

WARRANTY INFORMATION

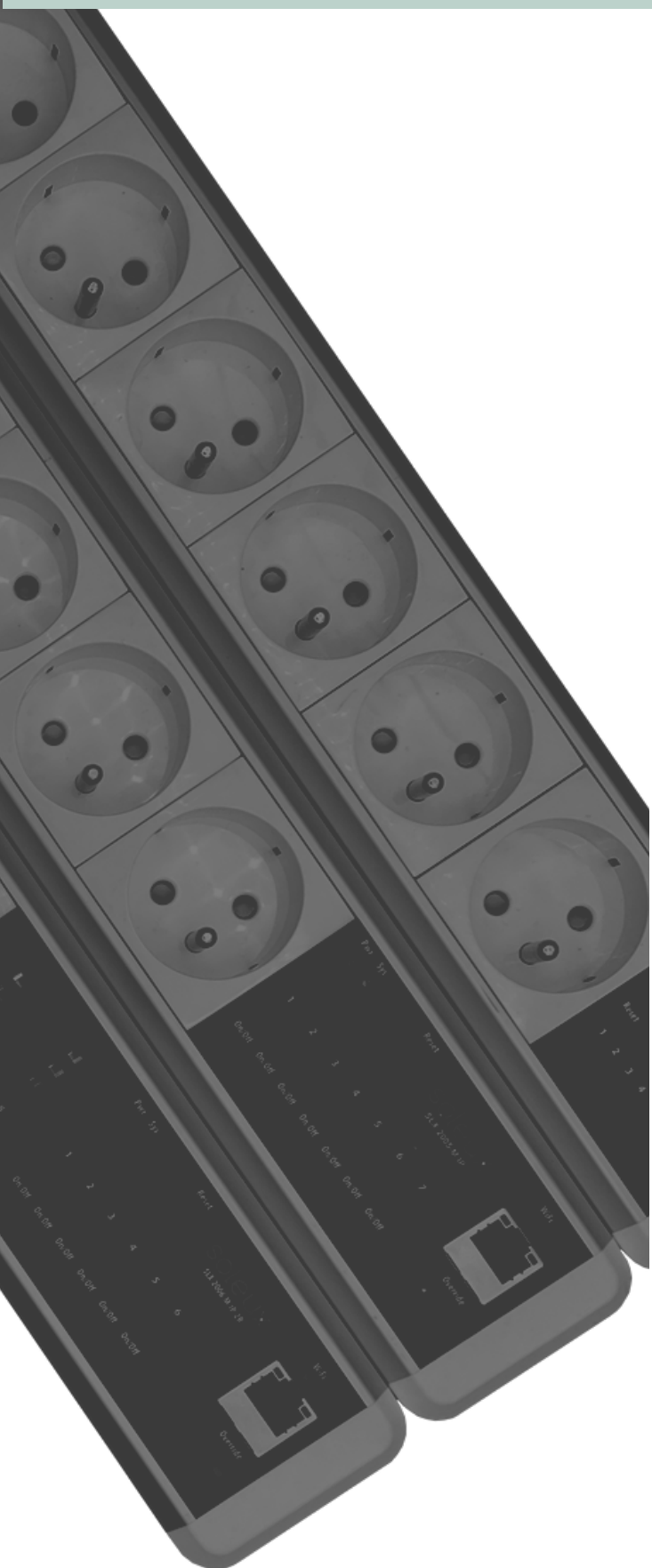
THIS PRODUCT IS BACKED BY A 5 YEARS WARRANTY.

In addition, Soleux warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion.

The warranty covers only the cost for parts and reparation labor. Soleux does not warrant its products from defects or damages arising from misuse, abuse, alteration or normal wear and tear.



LIMITATION OF LIABILITY

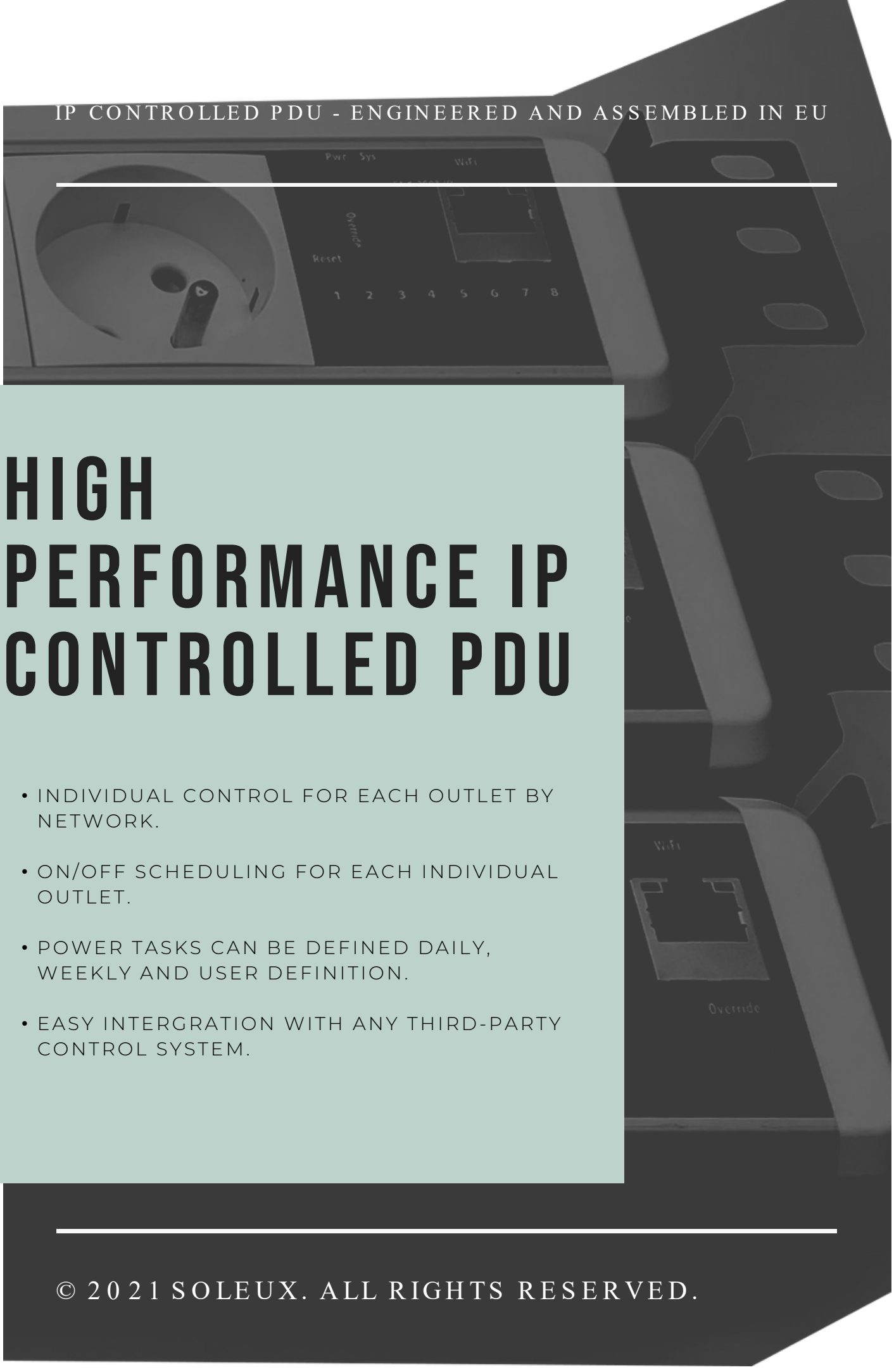


In no event shall the liability of Soleux SRL (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

OUR PRODUCTS

Model images	Model charectiristics	Output plugs	NC/NCO relay outputs	Manual On/Off control buttons for outputs	LED indicator for outputs status	Total Amps supported	Amps supported by output	19' rack compatible	Wi-Fi compatible upon request (as extra option)	LAN port	Windows app compatible
	SLX-2004-M-IP-2R	4	2	Yes	Yes	15	5	No	Yes	Yes	Yes
	SLX-2005-M-IP	5	0	Yes	Yes	15	5	No	Yes	Yes	Yes
	SLX-2006-IP	6	0	No	Yes	15	5	No	Yes	Yes	Yes
	SLX-2006-M-IP-2R	6	2	Yes	Yes	15	5	Yes	Yes	Yes	Yes
	SLX-2007-M-IP	7	0	Yes	Yes	15	5	Yes	Yes	Yes	Yes
	SLX-2008-IP	8	0	No	Yes	15	5	Yes	Yes	Yes	Yes

IP CONTROLLED PDU - ENGINEERED AND ASSEMBLED IN EU

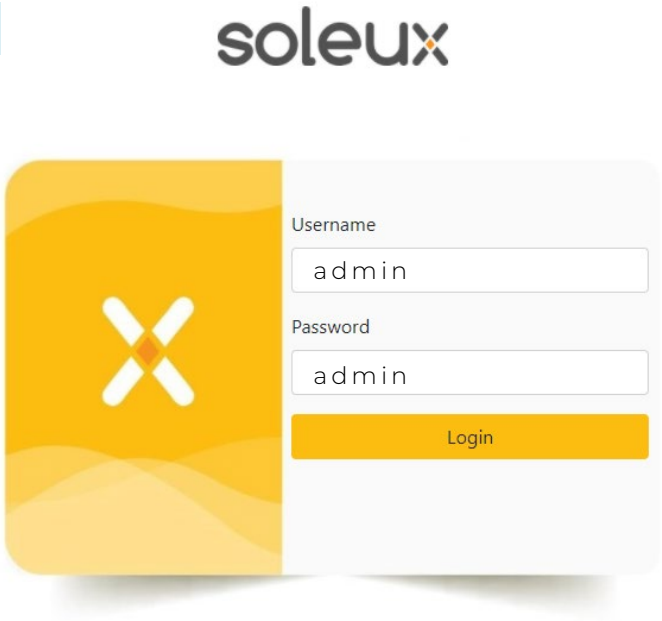


HIGH PERFORMANCE IP CONTROLLED PDU

- INDIVIDUAL CONTROL FOR EACH OUTLET BY NETWORK.
- ON/OFF SCHEDULING FOR EACH INDIVIDUAL OUTLET.
- POWER TASKS CAN BE DEFINED DAILY, WEEKLY AND USER DEFINITION.
- EASY INTERGRATION WITH ANY THIRD-PARTY CONTROL SYSTEM.

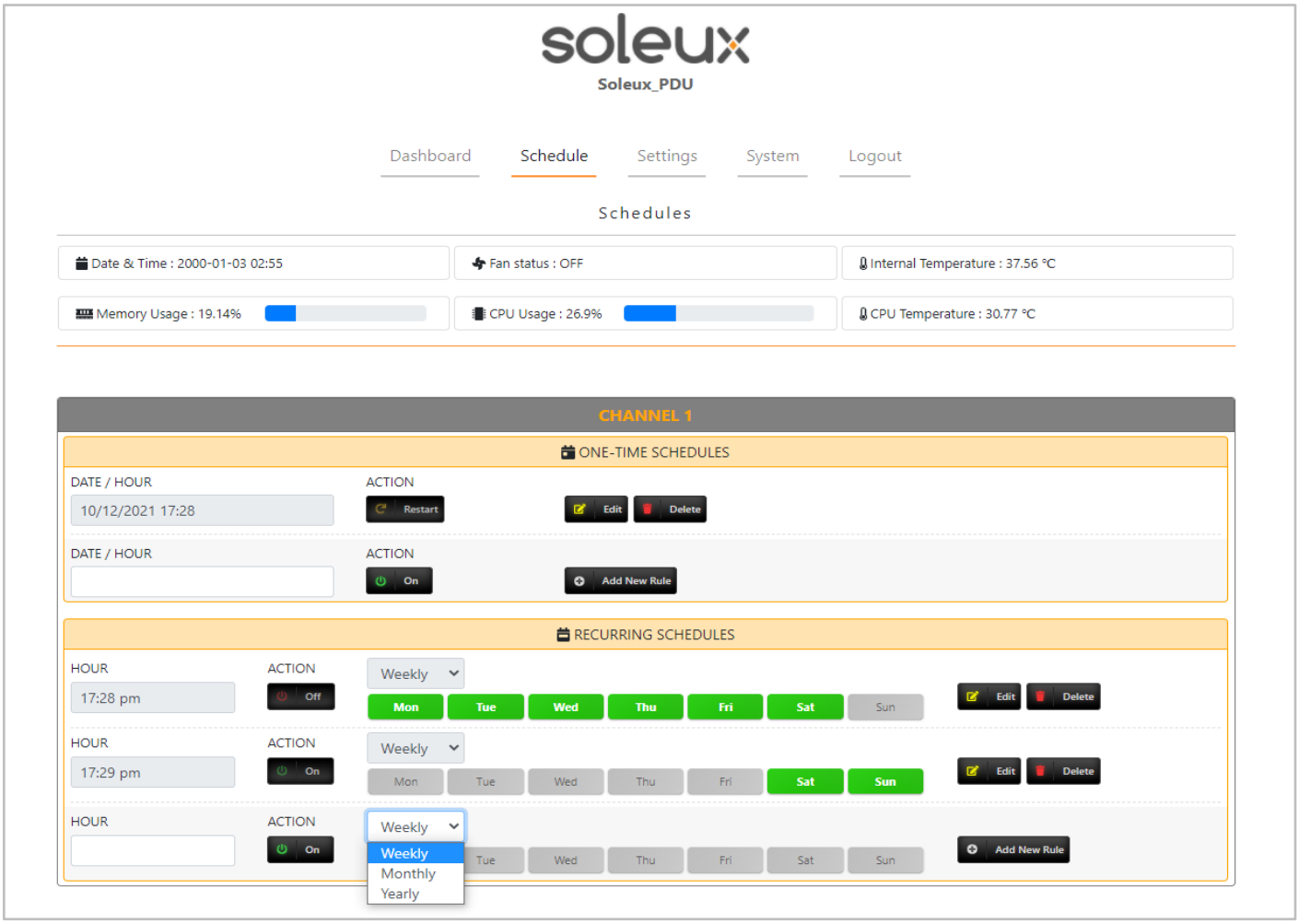
PDU CONFIGURATION

Login



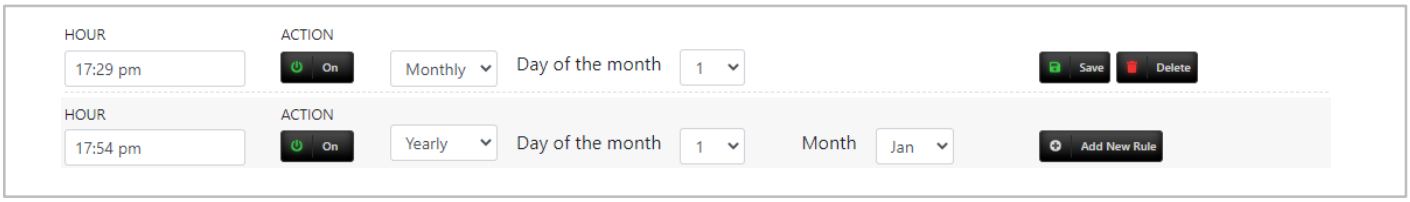
Dashboard

Schedule



One-time schedules:

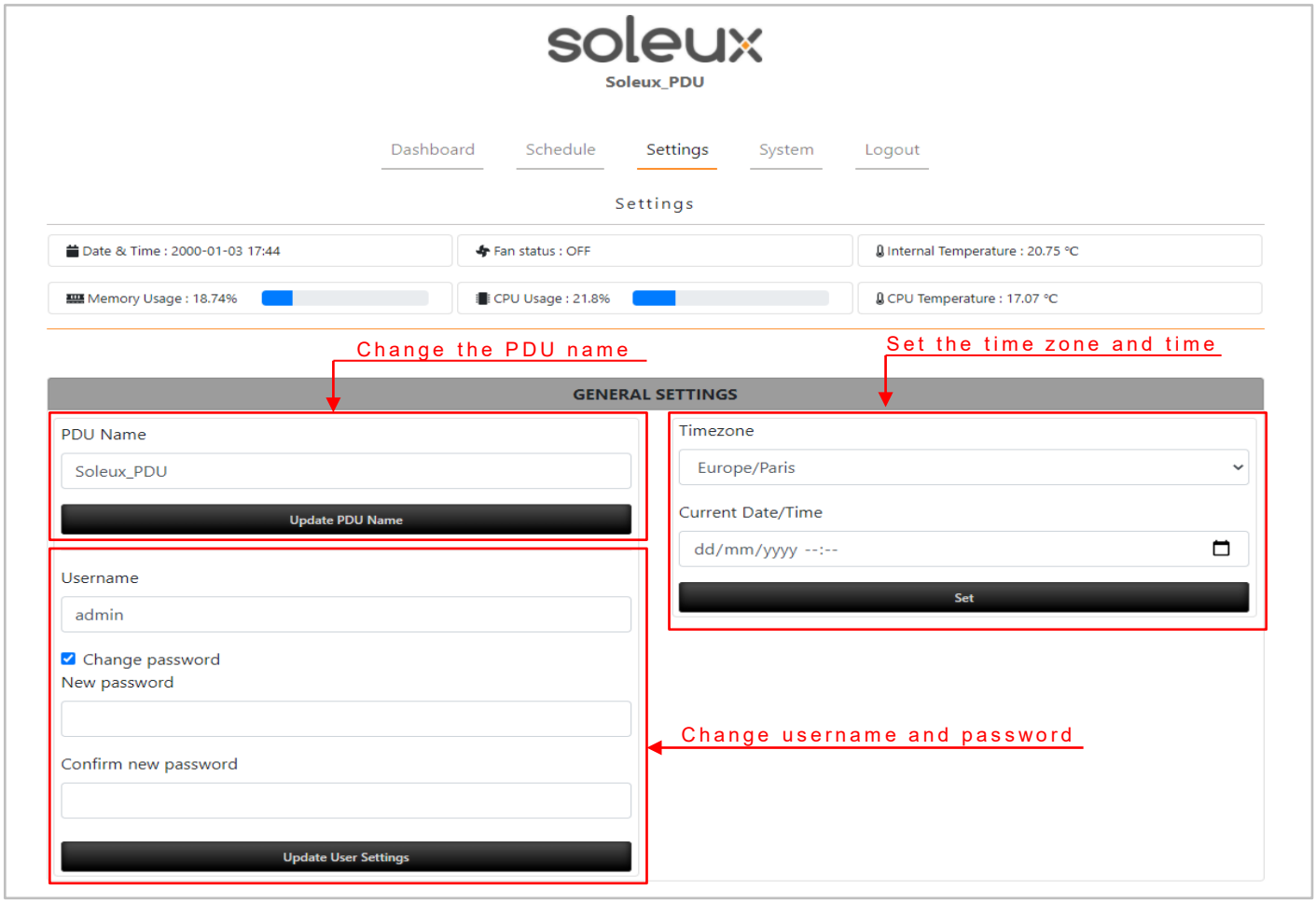
- Create a schedule action which will run only one time at the selected date and time.
- There is no limit on the number of the scheduled actions.
- Each rule can me edited and modified or deleted independently.
- Click on the “Add new rule” to SAVE the action.

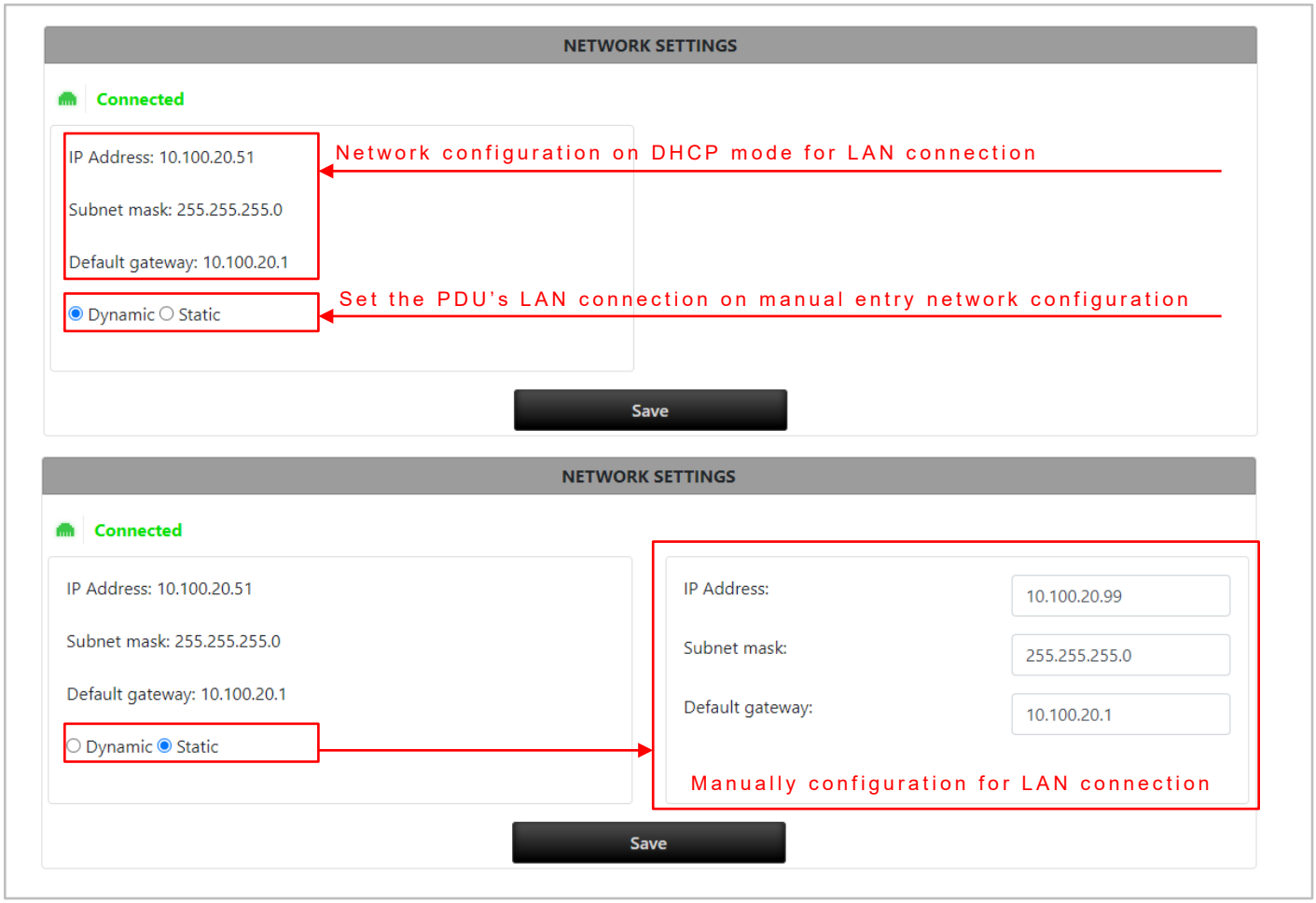


Recurring schedules:

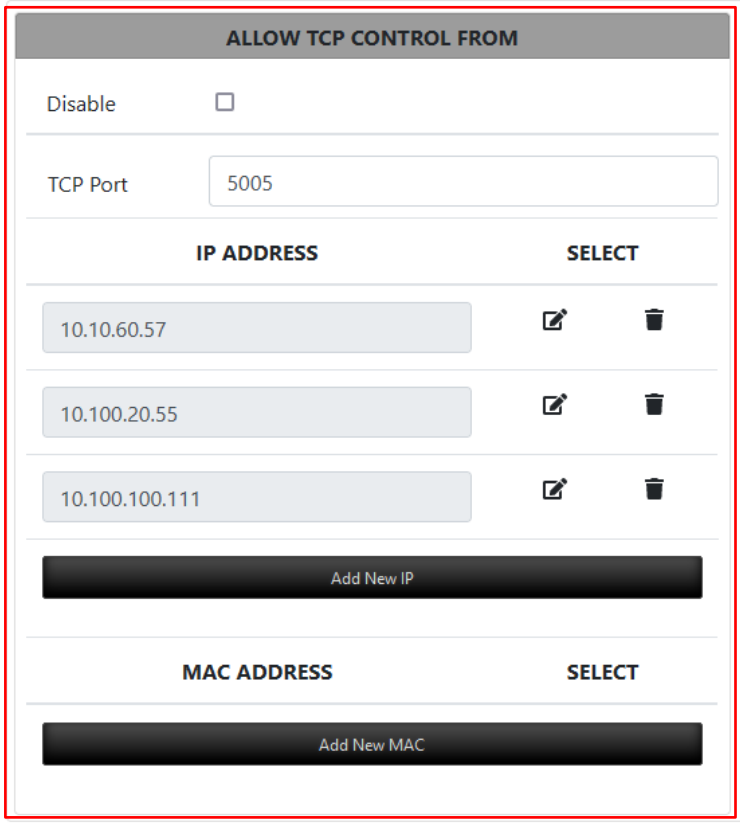
- Create a schedule action which will run every week, every month or every year.
- For weekly actions: select the time of the action and the day/days of the week.
- For monthly actions: select the time of the actions and date of the month.
- For yearly actions: select the time of the actions, the month and date of the month.
- There is no limit on the number of the scheduled actions.
- Each rule can me edited and modified or deleted independently.
- Click on the “Add new rule” to SAVE the action.

Settings





- Save the configuration when all the modifications are finished.



TCP control filtering

When the "Disable" checkbox remains unchecked, the PDU will exclusively accept SSH and TCP direct commands from devices listed either by their IP address or MAC address.
This functionality is particularly advantageous within networks utilizing DHCP.

Conversely, when the "Disable" checkbox is enabled, the PDU will accept incoming SSH and direct TCP commands from any device connected to the network.

It is important to note that if you are utilizing the TCP filtering feature, you must include either the IP address or MAC address of the Windows machine running the Windows control application in your whitelist to enable PDU control.

In scenarios where the Windows control application machine frequently moves across VLANs or does not possess a dedicated IP address, it is recommended to whitelist its MAC address within this list for optimal performance.

Internal FAN controls

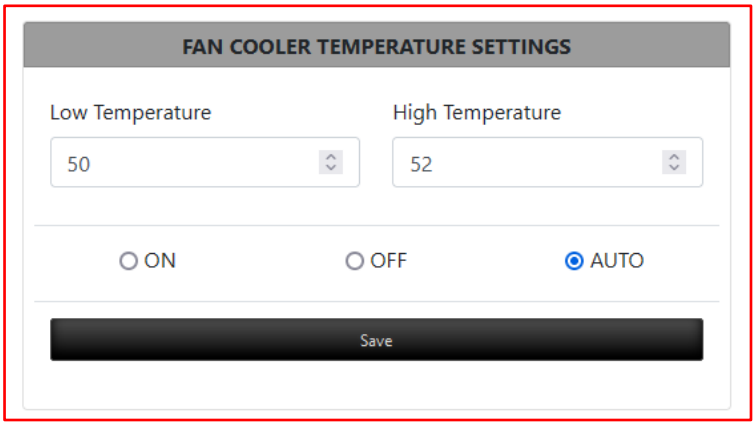
Your PDU is equipped with an internal FAN to maintain an optimal temperature. You can customize the temperature settings and FAN behavior through the settings menu to suit your environment.

In the settings, you can specify the LOW and HIGH temperature thresholds as well as the FAN mode:

ON: This mode keeps the FAN running continuously, regardless of the PDU's internal temperature.

OFF: In this mode, the FAN is turned off regardless of the PDU's internal temperature.

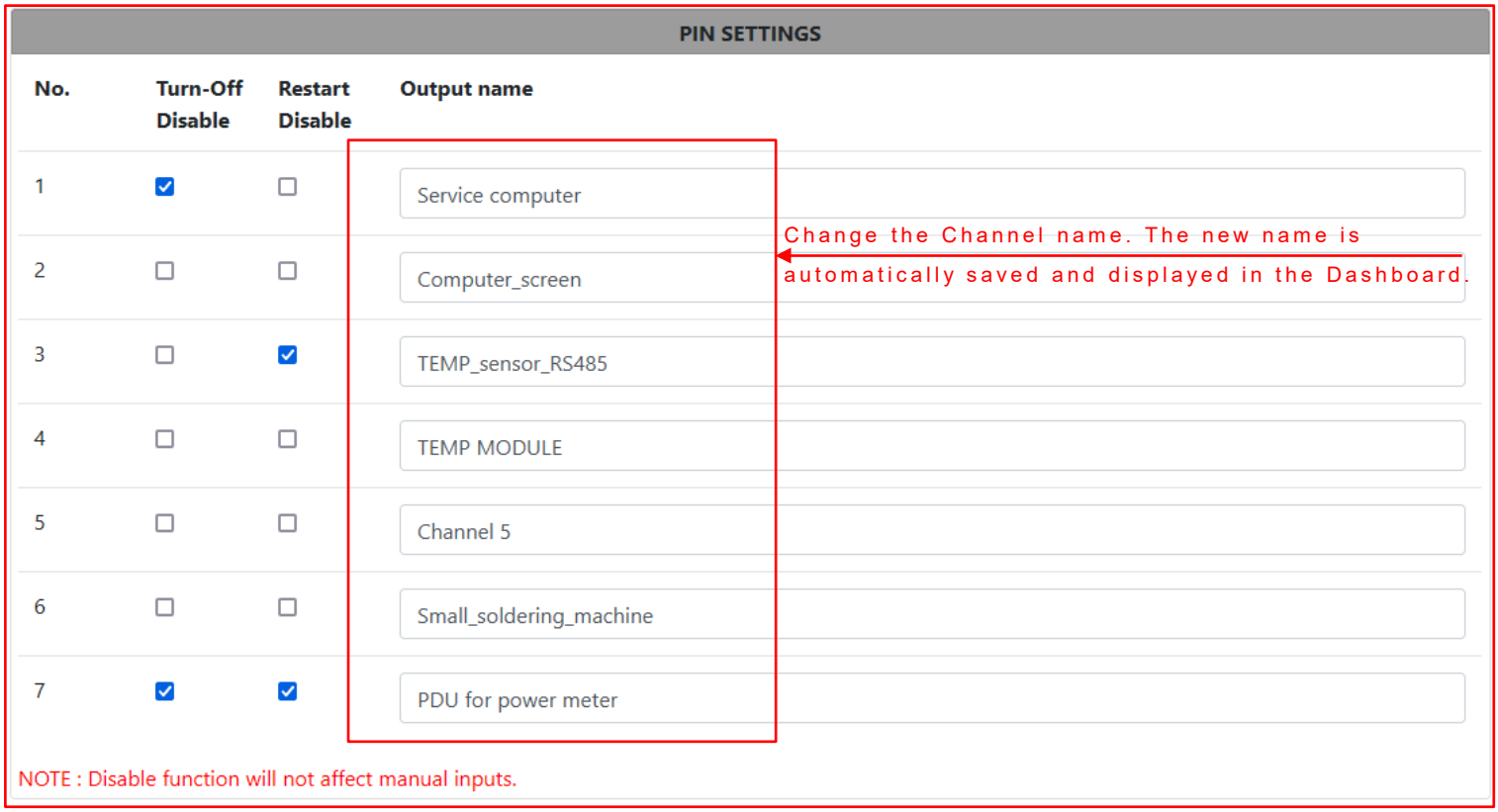
AUTO: This mode activates the internal temperature sensor, allowing the FAN to run automatically to maintain the PDU's internal temperature within the specified range. Please note that there must be a minimum difference of two degrees Celsius between the LOW and HIGH thresholds. The FAN will continue running until the PDU's internal temperature drops to 1 degree Celsius below the defined threshold.



- Save the configuration when all the modifications are finished.

Settings

Output protection



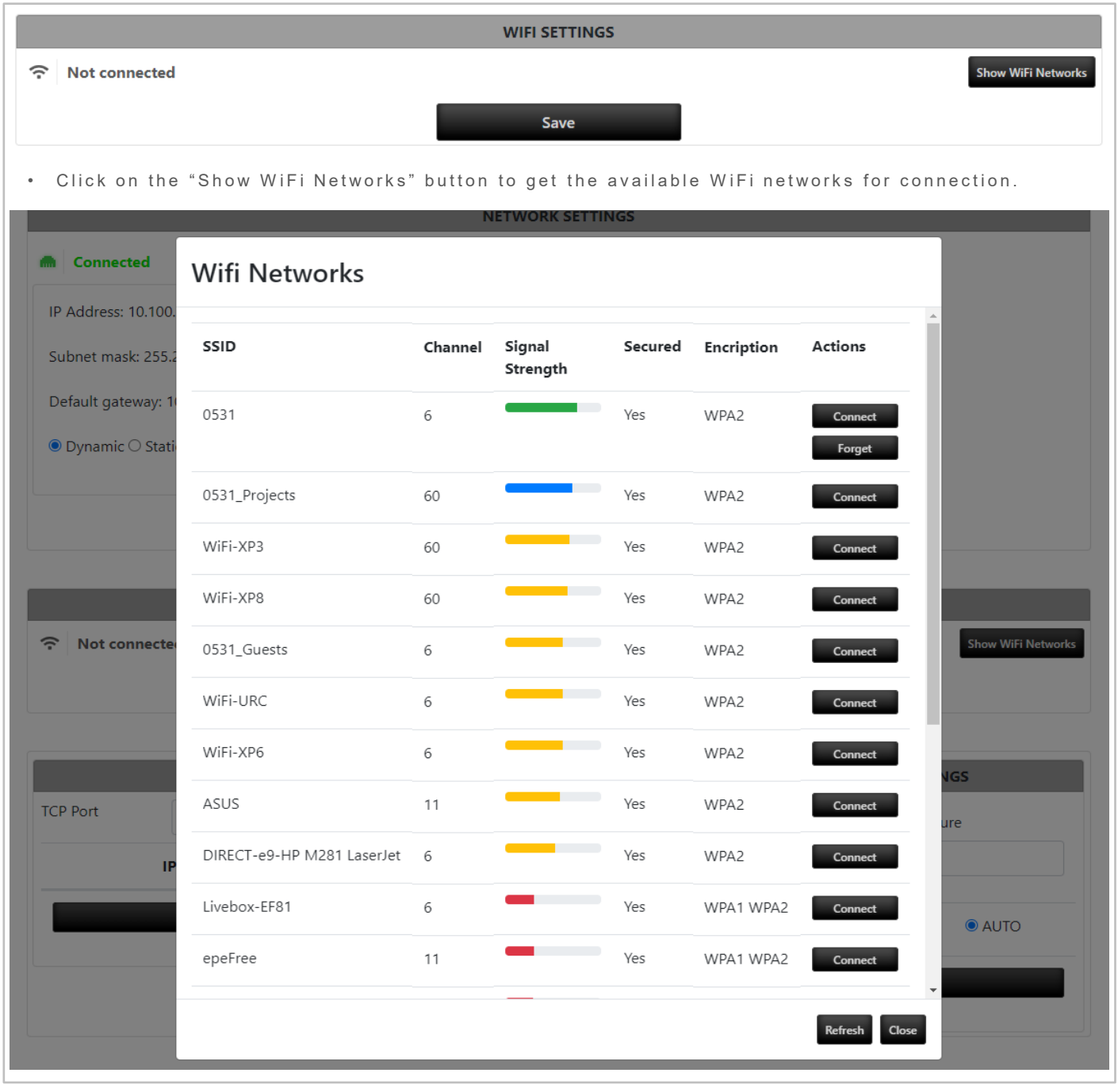
This settings section allows you to isolate specific outputs, safeguarding them against remote shutdown or restart commands. This feature proves invaluable in situations where your local switch is connected to the PDU that, in turn, connects to the network. In such cases, turning off the switch could result in losing remote control over the PDU. Depending on your configuration, you may wish to shield critical equipment from inadvertent shutdown or restart commands.

It's important to note that these settings exclusively apply to remote commands. If your model includes physical buttons, any inputs from those buttons will override the settings mentioned above and can restart or turn off the outputs.

As with all menu settings, remember to save your modifications once you've made them.

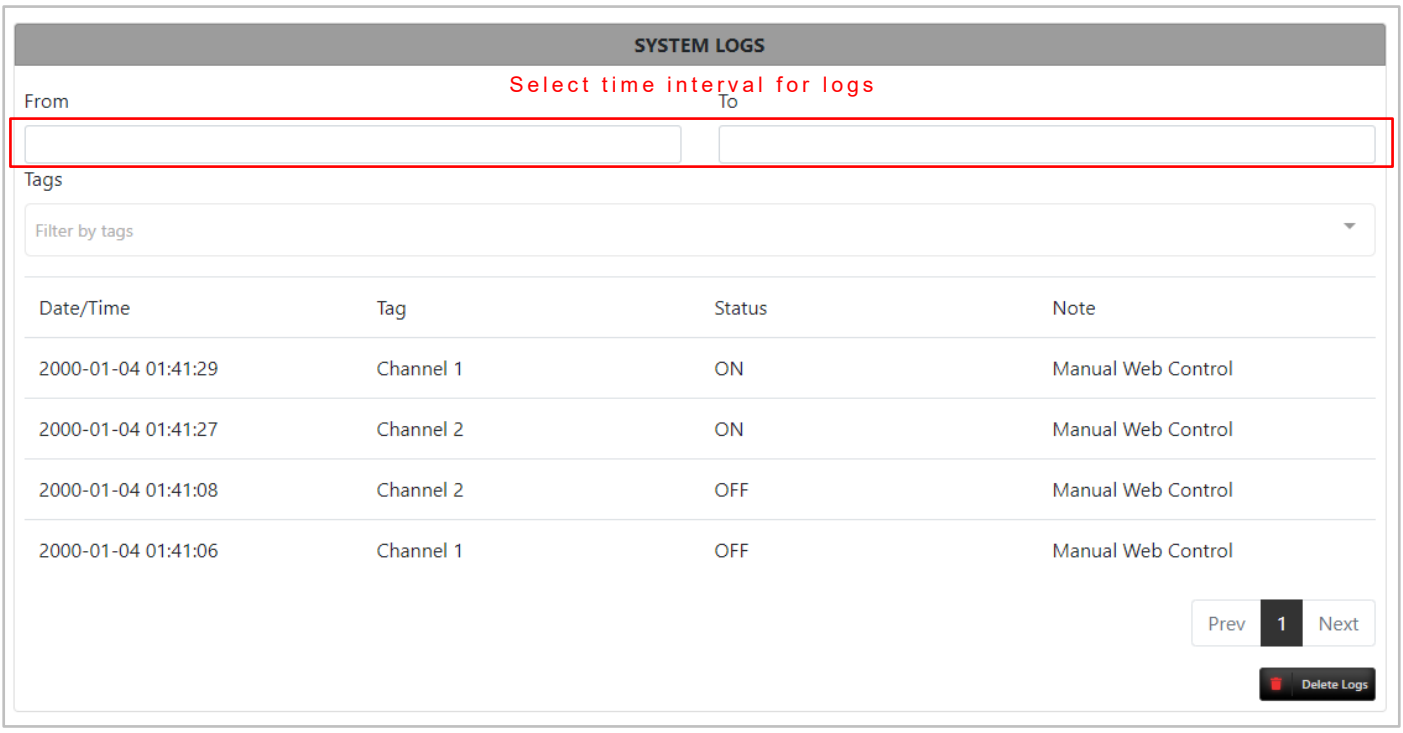
- Save the configuration when all the modifications are finished.

Wi-Fi Settings



- Click on the “Show WiFi Networks” button to get the available WiFi networks for connection.

- Select the network you want to use and click “Connect”.
- Input the correct password and wait until the connection is established.



System restart procedure:

- Push and hold the “Reset” button for 5 seconds and the PDU system will restart. This operation will have no effect over the outlets.
- System restart can also be done from the webpage -> Settings .

Factory reset:

- Push and hold the “Reset” button for 15 seconds. The PDU will restart and reset to the default factory settings. (IP address: 10.10.10.10, User: admin, Password: admin). This operation will have no effect over the outlets.

Operation and troubleshooting:

- The PDU is ready when the “Sys” LED is blinking.
- The outlet On/Off indicator LED is ON when the outlet is active and OFF when the outlet is disabled.
- In case of any internal failure, the “Sys” LED will turn completely OFF or will stay fully ON. In this case push the override button to activate all the outlets (the blue LED indicator will turn ON) and use the left side On/Off switch for a system power restart.
- Contact our support team for any problem or question you might have: support@soleux.com

Thank you for choosing our products

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