

Brennenstuhl Premium-Web-Line V3®

This document describes the necessary settings for the use of Brennenstuhl PDUs in the Smart VRWall.

Unfortunately, I have not found a setting for the language. Although the screenshots are in German, this should be easy to transfer to an English or Dutch version. I do not believe that the software differs significantly.

It has been shown that updating the firmware and setting the IP address is most simple if the sockets are initially in a network with an active DHCP server. My version did not have a default IP and was only found after it had obtained an address from the DHCP server.

Attention. The firmware update resets the socket completely. Therefore, only make the settings after the update.

1. Check / Update firmware

Follow the how-to from Brennenstuhl. If there is a problem with this, format the internal file system under Settings → Filesystem.

Gerätestatus	
Software Version:	3.3.17
HTML-Seiten Version:	2.0.8
Hardware Version:	3.0
Bootloader Version:	3.1.2

2. Modify VRwall configuration

Add the following lines to the file **C:\VRWall\net2serial\config.cfg**

```
BrennenstuhlIPs 192.168.100.10 192.168.100.11
BrennenstuhlUsername admin
BrennenstuhlPassword admin
BrennenstuhlSwitchDelay 500
BootDelay 15000
```

3. Set IP addresses

- 192.168.100.10/24
- 192.168.100.11/24

The IP settings must match the config.cfg file in the ne2serial directory. The authentication is also stored there. The switching delay ensures that the fuses are not overloaded by the switch-on pulse. Socket 2 switches on with a delay by this time. Increase to 1500 if fuse is blown.

LAN-Einstellungen

Gerätename	<input type="text" value="BS785a-1"/>		
<input type="radio"/> DHCP			
<input checked="" type="radio"/> Manuell	IP =	<input type="text" value="192.168.100.10"/>	
	Subnetzmaske =	<input type="text" value="255.255.255.0"/>	
	Gateway =	<input type="text"/>	
Optionaler DNS Server	IP =	<input type="text"/>	
<input type="button" value="Anwenden"/>			

4. Setting→Switch Settings

We do not want the circuits to activate themselves. This is done by software when the PP starts.

Schalt-Einstellungen

	On/Off 1 (Master)	On/Off 2 (Slave)
Name	<input type="text"/>	<input type="text"/>
Schaltzustand nach Systemstart	<input checked="" type="radio"/> Aus <input type="radio"/> Ein <input type="radio"/> Letzter Zustand	<input checked="" type="radio"/> Aus <input type="radio"/> Ein <input type="radio"/> Letzter Zustand
Einschaltverzögerung nach Systemstart	<input type="text" value="0"/> Sek.	<input type="text" value="0"/> Sek.
Automatisches Wiedereinschalten nach Ausschalten nach (0 = deaktiviert)	<input type="text" value="0"/> Sek.	<input type="text" value="0"/> Sek.
<input type="button" value="Anwenden"/> 		

5. Settings → System Settings

We have to make sure that the projectors have power until the cooling is complete. Therefore, the PDUs should only switch off the power circuits when all projectors have gone into standby. I assume a power consumption of 20W here. Set the value appropriately, see the integrated monitoring on the status page of the sockets, if they do not switch off automatically. The slaves switch on with a delay of 1 second after the master, again to protect the fuse.

System-Einstellungen

☒ Master schaltet aus, wenn Leistung für Min. unter Watt

☒ Slave folgt Master

"Ein" über Watt

"Aus" unter Watt

Einschaltverzögerung für Slave Sek.

Ausschaltverzögerung für Slave Sek.

☐ Sende WOL Sekunden nach "On/Off 1" (Master) Ein

Ziel MAC:

Anwenden

6. Deactivate all unnecessary things

In particular, deactivate the saving of values for power.

Speichern von Leistungswerten

☐ 10s-Werte speichern

☐ per e-mail versenden

☐ 24h-Werte speichern

☐ per e-mail versenden

Daten löschen

Anwenden