

W&I connects

Interfaces for TCP/IP, Ethernet, RS-232, RS-485, USB, 20mA,
glass and plastic fiber optic cable, http, SNMP, OPC, Modbus TCP, I/O digital, I/O analog, ISA, PCI



Electricity consumption measurement using AC wattmeter with S0 output

Monitor the AC electricity consumption of a connected device with our Web-Count and an AC wattmeter, which outputs a measuring pulse for each unit of consumption on an S0 output. See the actual consumption live in your browser thanks to the self-refreshing display.

The following describes the few steps you need to implement current measurement.



Once the Web-Count has been provided with the necessary operating voltage and configured for and connected to your network, carry out the following steps.

Wire the AC wattmeter into the consumer input whose electricity consumption you want to display and log.

Then connect the S0 output of the wattmeter to an available input on the Web-Count.

Enter the IP address of the Web-Count in the address line of your browser.

Show the configuration menu and use the menu tree to navigate to the **Config** page and log in.

On the page

Config >> Ports >> Inputs >> Input X

(where X is the input to which the wattmeter is connected)

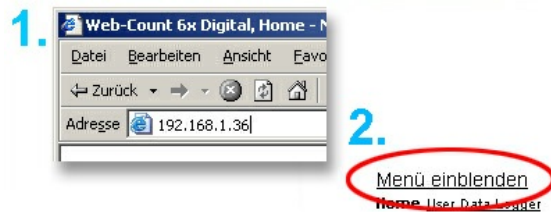
under **Scale** enter the factor for multiplying a count pulse of the wattmeter for obtaining the actual consumption
(Example: 0.5Wh / pulse, then 0.5)

In the field **Unit** enter the measuring unit.
(Example: 0.5Wh / pulse, then Wh)

To save your entries click on **Save** and use **Logout** >> **Save** to log out.

After successful logout, you are automatically returned to the Web-Count homepage. Here you can read the electricity consumption directly in the table overview. The display is updated in intervals of a second.

Done!



Aktualisierung: Mi 28.01.09, 09:53:11 *

Counter	
Input 0:	6,5 Wh
Input 1:	0
Input 2:	0
Input 3:	0

Next application

We are available to you in person:

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