Partner: SnapAV
Model: Wattbox
Device Type: Surge Protector

GENERAL INFORMATION

SIMPLWINDOWS NAME:	SnapAV Wattbox v1.0
CATEGORY:	Surge Protectors
VERSION:	1.0
SUMMARY:	This module controls a Wattbox surge protector via TCP/IP.
GENERAL NOTES:	This module was designed to control Wattbox devices. This module supports a maximum of 32 outlets. To obtain the device's IP address, use the Wattbox Utility on the CD that came with the device to detect Wattboxes on the local network. It is recommended to set the Wattbox to a static IP address in the device's web interface. This module supports an XPANEL 2.0 Smart Graphics control module via Ethernet. The Smart Graphics control module presents a GUI corresponding to the physical design of the WB-700-IPV-12 12-Outlet Wattbox, offering full control of the outlets and a view of the status text.
CRESTRON HARDWARE REQUIRED:	3 series processor is required.
SETUP OF CRESTRON HARDWARE:	TCP/IP on a per-request basis in SIMPL+. IP address of the Wattbox device and user authentication information must be entered into their corresponding parameter fields at the top of the module.
VENDOR FIRMWARE:	WB10.5414
VENDOR SETUP:	None.
CABLE DIAGRAM:	None.

CONTROL:

reset_all_outlets	D	Pulse to send a RESET ALL request to the device.
auto_reboot_on	D	Pulse to send an AUTO-REBOOT ON request to on the device.
auto_reboot_off	D	Pulse to send an AUTO-REBOOT OFF request to the device.
get_status	D	Pulse to send a STATUS request to the device.
outlet_on[n]	D	Where n = outlet number. Pulse to send an OUTLET ON request to outlet #n on the Wattbox device.
outlet_off[n]	D	Where n = outlet number. Pulse to send an OUTLET OFF request to outlet #n on the Wattbox device.
outlet_reset[n]	D	Where n = outlet number. Pulse to send an OUTLET RESET request to outlet #n on the Wattbox device.

FEEDBACK:

outlet_status[n]	D	Where n = outlet number. Digital signal to indicate outlet #n status. HIGH = ON, LOW = OFF.
host_name$	S	Text indicating the hostname parsed from the Wattbox XML response.
hardware_version$	S	Text indicating the hardware version parsed from the Wattbox XML response.
serial_number$	S	Text indicating the serial number parsed from the Wattbox XML response.
safe_voltage_status$	S	Text indicating the safe voltage status parsed from the Wattbox XML response.
voltage_value$	S	Text indicating the voltage value parsed from the Wattbox XML response.
current_value$	S	Text indicating the current value parsed from the Wattbox XML response.
power_value$	S	Text indicating the power value parsed from the Wattbox XML response.

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CRESTRON CERTIFIED INTEGRATED PARTNER

PARAMETER:

OUTLET_COUNT		I	Number of outlets on the Wattbox device.
device_ip$		S	IP address of the Wattbox device.
username$		S	Username used to login to the Wattbox device.
password$		S	Password used to login to the Wattbox device.

TESTING:

OPS USED FOR TESTING:	RMC3 1.010.0060
SIMPL WINDOWS USED FOR TESTING:	4.02.65
DEVICE DB USED FOR TESTING:	65.05.003.00
CRES DB USED FOR TESTING:	51.05.007.00
SYMBOL LIBRARY USED FOR TESTING:	944
SAMPLE PROGRAM:	SnapAV Wattbox Demo v1.0
REVISION HISTORY:	V1.0 – Original Release