

Partner: Richard Gray's Power Company
Model: Extender IP
Device Type: AC Power Controller



GENERAL INFORMATION

SIMPLWINDOWS NAME:	RGPC Extender IP v1.0
CATEGORY:	Miscellaneous
VERSION:	1.0
SUMMARY:	This module will control the Richard Gray's Power Company Extender IP via RS-232.
GENERAL NOTES:	<p>This module will control the RGPC Extender IP via RS-232. This module will provide the ability to power on, power off and reboot any of the eight outlets or groups available on the Extender IP. The user also has the ability to schedule up to 10 events that will be stored on the Extender IP.</p> <p>The polling for this unit's status should be done manually, using either the Poll_Info or Poll_Outlet_Status signals.</p> <p>This module is System Builder compatible.</p>
CRESTRON HARDWARE REQUIRED:	CNX-COM2, ST-COM, 2-Series Processor, C2COM3
SETUP OF CRESTRON HARDWARE:	<p>RS232</p> <p>Baud: 9600</p> <p>Parity: N</p> <p>Data Bits: 8</p> <p>Stop Bits: 1</p>
VENDOR FIRMWARE:	1.1.A
VENDOR SETUP:	N/A
CABLE DIAGRAM:	N/A

CONTROL:

Outlet_<1-8>_<On/Off/Reboot>	D	Pulse to power on, off or reboot the selected outlet or group.
All_Sequence_<On/Off>	D	Pulse to power on or off all of the outlets in sequence.
All_Immediate_<On/Off>	D	Pulse to power on or off all of the outlets simultaneously.
Schedule_Item_<Up/Down>	D	Pulse to set list location of the event being scheduled.
Schedule_Outlet/Group_<Up/Down>	D	Pulse to set the outlet or group for the event being scheduled.
Schedule_Command_<Up/Down>	D	Pulse to set the command or action (on/off/reboot) for the event being scheduled.

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Schedule_Recurrence_<Up/Down>	D	Pulse to set the recurrence (day/week) of the event being scheduled.
Schedule_Day_<Up/Down>	D	Pulse to set the day of the week for a weekly event being scheduled.
Schedule_Hour_<Up/Down>	D	Pulse to set the hour of the event being scheduled.
Schedule_Minute_<Up/Down>	D	Pulse to set the minute of the event being scheduled.
Schedule_Submit	D	Pulse to submit the event settings to the Extender IP at the list location selected.
Schedule_Delete	D	Pulse to delete an existing scheduled event at the list location selected.
Poll_Info	D	Pulse to poll the Extender IP for its current settings.
Poll_Outlet_Status	D	Pulse to poll the Extender IP for its outlet status.
From_Device	S	Serial signal to be routed from an RS-232C port

FEEDBACK:

Outlet_<1-8>_<On/Off/Rebooting>	D	Feedback indicating outlet status.
Outlet_<1-8>_Name_Text	S	Text fields displaying current outlet names.
Outlet_<1-8>_State_Text	S	Text fields displaying current outlet states.
Group_<1-8>_Name_Text	S	Text fields displaying current group names.
Group_<1-8>_Outlets_Text	S	Text fields displaying current group outlet designations.
Schedule_Item_Text	S	Displays the item list that will receive the scheduled event being set.
Schedule_Outlet/Group_Text	S	Displays the outlet or group that was selected for the scheduled event being set.
Schedule_Command_Text	S	Displays the command that was selected for the scheduled event being set.
Schedule_Recurrence_Text	S	Displays the recurrence that was selected for the scheduled event being set.
Schedule_Day_Text	S	Displays the day that was selected for the scheduled event being set.
Schedule_Set_Time_Text	S	Displays the time that was set for the scheduled event being set.
Schedule_<1-10>_Outlet/Group_Text	S	Displays the outlet or group that was set for event list locations 1 through 10.
Schedule_<1-10>_Command_Text	S	Displays the command that was set for event list locations 1 through 10.

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Schedule_<1-10>_Recurrence_Text	S	Displays the recurrence that was set for event list locations 1 through 10.
Schedule_<1-10>_Day_Text	S	Displays the day that was set for event list locations 1 through 10.
Schedule_<1-10>_Time_Text	S	Displays the time that was set for event list locations 1 through 10.
Unit_Name_Text	S	Displays the unit's assigned name.
Uptime_Text	S	Displays how long the unit has been running.
Time_Text	S	Displays the time that is set on the unit.
Date_Text	S	Displays the date that is set on the unit.
Software_Version_Text	S	Displays the software version used in the unit.
Busy	D	Indicates that the module is busy.
From_Device	S	Serial signal to be routed from an RS-232C port

PARAMETERS:

Username	P	Username required to access the Extender IP.
Password	P	Password required to access the Extender IP.

TESTING:

OPS USED FOR TESTING:	v4.001.1012
SIMPL WINDOWS USED FOR TESTING:	v2.11.10.02
DEVICE DB USED FOR TESTING:	v20.07.005.00
CRES DB USED FOR TESTING:	v20.04.008.00
SYMBOL LIBRARY USED FOR TESTING:	v593
SAMPLE PROGRAM:	RGPC Extender IP v1.0 Demo PRO2
REVISION HISTORY:	v1.0 – Initial release