

1. Get PDU Power status

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "status"] }</pre>	

return

obj	<pre>{ "phases": [{ "put": 111.33, "vol": 59.98, "pf": 0.99, "act_pwr": 39.58, "app_pwr": 40.07, "main_eng": 0.201, "acc_eng": 0.047 }], "outlets": [{ "sta": 1, "amp": 0.3 }, { "sta": 0, "amp": 0 }, { "sta": 0, "amp": 0 }, { "sta": 1, "amp": 0 }, { "sta": 1, "amp": 0 }, { "sta": 1, "amp": 0 }, { "sta": 1, "amp": 0 }, { "sta": 1, "amp": 0 }, { "sta": 1, "amp": 0 }], "envs": [{ "temp": 27, "humi": 72 }, { "temp": null, "humi": null }] }</pre>
obj.phases[N]	0~2 represent Phase 1~3
obj.phases[N].cur	Current (unit: A)
obj.phases[N].vol	Voltage (unit: V)
obj.phases[N].freq	Frequency (unit: Hz)
obj.phases[N].act_pw	Effective power (unit: W)
obj.phases[N].app_pwr	Apparent power (unit: VA)
obj.phases[N].main_eng	Main Energy
obj.phases[N]. acc_eng	Accumulated Energy
obj.outlets[N]	0~23 Based on the number of PDU Outlets
obj.outlets[N].sta	Status 0 indicates OFF, 1 indicates ON
obj.outlets[N].amp	The unit of electric current is the ampere.
obj.envs[N]	0~1 based on the number of PDUs and Env.

obj.envs[N].temp	Temperature (°C). If null, it means the sensor is not installed.
obj.envs[N].humi	Humidity % If null, it means the sensor is not installed.

3. Obtain info

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "info"] }</pre>	

return

obj	<pre>{ "Model Number": "See e.1.05_202409061306", "Firmware Version": "WHL-3011M-24ND", "Temperature Scale": "1", "Web Auto Logout": "10", "Hardware Reset Button": "0" }</pre>
obj.Model Number	Equipment Model
obj.Firmare Version	Firmware version
obj.Temperature Scale	temperature unit 0" Fahrenheit 1 degree Celsius °C
obj.Web Auto Logout	Automatic logout time of webpage 0~10 character string 0 => Do not log out automatically 1~10 => How many minutes?
obj.Hardware Reset Button	Hardware button Reset function settings "0" => Reset All Setting Back to Factory Default "1" => Reset Administrator's Password to Default Only "2" => Disable # Please note if you forget the password, you can not recover the system anymore!

3.1 Modify info settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "info"], "payload": { "Temperature Scale": "1", "Web Auto Logout": "10", "Hardware Reset Button": "0" } }</pre>	
Parameters can be referenced. 3. Obtain info Modifiable items "Temperature Scale" => default "1" "Web Auto Logout" => default "10" "Hardware Reset Button" => default "0"	

return

obj	<pre>{ "payload": { "Temperature Scale": "1", "Web Auto Logout": "10", "Hardware Reset Button": "0" }, "Temperature Scale": "success", "Web Auto Logout": "success", "Hardware Reset Button": "success" }</pre>
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4. Obtain PDU event log

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "event_log", "200", "yyyy", "mm", "dd", "hh"] }</pre>	
#"200" Access Quantity If there are too many log entries, query in multiple batches according to the specified year, month, day, and hour. #The query method can include only the year, but if you want to include the month, you must include the year as well, and so on.	

return

obj	<pre>{ "order" ["datetime", "content"], "payload": [["2025/02/08 02:16:56", "Web user [snmp] logged in from 125.229.192.150"], ["2025/02/09 04:21:29", "Web user [snmp] logged in from 125.229.192.150"]] }</pre>
Obj.order[N]	What does the column mean?
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][0]	time
Obj.payload[N][1]	content

5. Delete PDU event log

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "event_log_delete", "yyyy", "mm", "dd", "hh"] }</pre>	
#The deletion method can only include the year, month, day, and hour, but if you want to include the month, the year must also be included, and so on. #Without including year, month, day, and hour means all will be deleted.	

return

obj	<pre>{ "return": "success", "delete counts": "3" }</pre>
Obj.return	"success" indicates successful execution.
Obj.delete counts	Number of records removed after executing the command

6. Obtain PDU data log

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "data_log", "200", "yyyy", "mm", "dd"] }</pre>	
#"200" Access Quantity If there are too many log entries, query in multiple batches according to the specified year, month, day, and hour. #The query method can include only the year, but if you want to include the month, you must include the year as well, and so on.	

return

obj	<pre>{ "order": ["Datetime", "kWh", "V", "Amp", "Temp", "To the ground"], "payload": [["2025/02/07 08:42:13", "15.830", "111.18", "0.00", "that", "that"]] }</pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order #Temp Humi If no value is provided, it will be "na".

7. Delete PDU data log

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "data_log_delete", "yyyy", "mm", "dd"] }</pre>	
#The deletion method can only include the year, month, and day, but if you want to include the month, you must also include the year, and so on. #Without including year, month, day, and hour means all will be deleted.	

return

obj	<pre>{ "return": "success", "delete counts": "3" }</pre>
Obj.return	"success" indicates successful execution.
Obj.delete counts	Number of records removed after executing the command

8. Reset PDU kWh cumulative

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "kwh_reset", "1"] }</pre>	
#"1" indicates single-phase input 1.	

return

obj	<pre>{ "return": "success" }</pre>
Obj.return	"success" indicates successful execution. "error 1" indicates that phase is not supported. "error 2" An update error occurred.

9. Obtain Outlet Group

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "outlet_group"] }</pre>	

return

obj	<pre>{ "order": ["sn", "name", "outlets", "owner"], "payload": [["1", "NewGroup", "1,2,3", "snmp"], ["3", "NewGroup", "7,8", "snmp"], ["5", "NewGroup", "4,5", "snmp"]] }</pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order X=0 Group number is automatically generated by the system. X=1 Group Name The X=2 group contains outlets whose numbers are separated by commas. Outlet numbers start from 1. X=3 Group Owner: Enter administrator or user

10.1 SettingsOutlet Group delete

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_group", "delete"] , "payload": ["1", "2"] }</pre>	
#Outlet Groups Enter the group number to be deleted in the array. Refer to section 9 for obtaining the Outlet Group number. When a group is deleted, the associated group number setting will also be removed.	

return

obj	<pre>{ "payload": ["1", "2"], "return": ["success", "success"] }</pre>
Obj.payload[N]	Received the array of group IDs to be deleted
Obj.return[N]	Sequential processing of states "success" "error 1" parameter error "error 2" An error occurred during deletion.

10.2 Configuration Outlet Group add

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_group", "add"] , "payload": [["0", "g1", "1,2", "snmp"], ["0", "g2", "3,4", "snmp"]] }</pre>	
Multiple groups can be added at once. An example is adding two groups. #1 When adding new Outlet Groups, enter "0" in the group number. #2 Group name length 30 characters #3 The outlet numbers controlled in the group are distinguished by commas. #4 Enter the user	

return

obj	<pre>{ "payload": [["0", "g1", "1,2", "snmp"], ["0", "g2", "3,4", "snmp"]], "return": ["success", "success"] }</pre>
Obj.payload[N]	Received a new group array that needs to be added
Obj.return[N]	Sequential processing of states "success" "error 1" parameter error An error occurred while adding "error 2".

10.3 Configuration Outlet Group update

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_group", "update"] , "payload": [["1", "g1_new", "1,2,3", "snmp"], ["2", "g2_new", "4,5,6", "snmp"]] }</pre>	
Multiple groups can be updated at once. An example is updating two groups. #1 Outlet Groups will be updated based on the obtained group ID number. #2 Group name length 30 characters #3 The outlet numbers controlled in the group are distinguished by commas. #4 Enter the user	

return

obj	<pre>{ "payload": [["1", "g1_new", "1,2,3", "snmp"], ["2", "g2_new", "4,5,6", "snmp"]], "return": ["success", "success"] }</pre>
Obj.payload[N]	Received group array that needs updating
Obj.return[N]	Sequential processing of states "success" "error 1" parameter error An error occurred while adding "error 2".

11 Settings Control outlet

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "control_outlet"] , "payload": [["on", "group", "1"], ["off", "outlet", "4,5,6"]] }</pre>	
Multiple commands can be executed at once. #1 "on" "off" "restart" #2 "outlet" or "group" #3 indicates the outlet number or group number #3 Outlets or groups that need to be controlled are separated by commas.	

return

obj	<pre>{ "payload": [["on", "group", "1"], ["off", "outlet", "4,5,6"]], "return": ["success", "success"] }</pre>
Obj.payload[N]	Control command array
Obj.return[N]	Sequential processing of states "success" "error 1" indicates an error in the input of the control command "on," "off," or "restart." "error 2" indicates an input error for parameter #2. "error 3" indicates an input error for parameter #3. "error 4" Command write error occurred

12. Obtain the Outlet Schedule

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "outlet_schedule"] }</pre>	

return

obj	<pre>{ "order": ["sn", "outlet/group", "day/date", "time", "action", "owner", "is_group", "is_enable"], "payload": [["1", "1", "2024/10/10", "10:10", "ON", "snmp", "0", "1"], ["2", "1", "Monday", "10:10", "ON", "snmp", "0", "1"]] }</pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order X=0 Group number is automatically generated by the system. X=1 group or outlet number X=2 Year, month, date yyyy/mm/dd or weekday X=3 hours hh:mm X=4 ON OFF OFF/ON ON/OFF operation Owner of X=5 Is X=6 1 a group? Is X=7 enabled?

13.1 Configuration Outlet Schedule delete

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_schedule", "delete"] , "payload": ["1", "2"] }</pre>	
#Array entry: The schedule number to be deleted. Refer to section 12 for obtaining the Outlet Schedule.	

return

obj	<pre>{ "payload": ["1", "2"], "return": ["success", "success"] }</pre>
Obj.payload[N]	Received the number array to be deleted
Obj.return[N]	Sequential processing of states "success" "error 1" parameter error "error 2" An error occurred during deletion.

13.2 Configuration Outlet Schedule add

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_schedule", "add"] , "payload": [["0", "1", "Monday", "01:01", "OFF/ON", "snmp", "0", "1"], ["0", "1", "2025/09/09", "10:10", "ON", "snmp", "1", "1"]] }</pre>	
Multiple schedules can be added at once. #1 When adding a new Outlet Group, enter "0" in the number. #2 Enter the Outlet number or Outlet group number #3 Input weekday => "Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", "Day" or date yyyy/mm/dd #4 Time input mm:hh #5 Bring in the owner #6 Input control mode "ON", "OFF", "OFF/ON", "ON/OFF" #7 "0" or "1" indicates whether it is group control. #8 "0" or "1" indicates whether the device is enabled.	

return

obj	<pre>{ "psw": "1234", "req": ["set", "outlet_schedule", "add"] , "payload": [["0", "1", "Monday", "01:01", "OFF/ON", "snmp", "0", "1"], ["0", "1", "2025/09/09", "10:10", "ON", "snmp", "1", "1"]] }</pre>
Obj.payload[N]	Received a request to add a new scheduling array
Obj.return[N]	Sequential processing of states "success" "error 1" parameter #0 error "error 2" parameter #1 error "error 3" - Parameter #2 error "error 4" - Parameter #3 error "error 5" parameter #4 error "error 6" - Parameter #6 error "error 7" parameter #7 error

	Error 8 occurred while adding a new item.
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13.3 Configuring Outlet Schedule update

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_schedule", "update"] , "payload": [["4", "2", "Tuesday", "01:05", "OFF/ON", "snmp", "0", "1"]] }</pre>	
Multiple groups can be updated at once. #1 Pour in the schedule number Please refer to other parameters.	
13.2 Configuration Outlet Schedule add	

return

obj	<pre>{ "payload": [["4", "2", "Tuesday", "01:05", "OFF/ON", "snmp", "0", "1"]], "return": ["success"] }</pre>
Obj.payload[N]	Scheduled array that needs updating
Obj.return[N]	Sequential processing of states "success" "error 1" parameter #0 error "error 2" parameter #1 error "error 3" - Parameter #2 error "error 4" - Parameter #3 error "error 5" parameter #4 error "error 6" - Parameter #6 error "error 7" parameter #7 error Error 8 occurred while adding a new item.

14. Obtain Outlet ping action

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "outlet_pingaction"] }</pre>	

return

obj	<pre>{ "order": ["sn", "outlet/group", "remote ip", "response time", "action", "owner", "is_group", "is_enable"], "payload": [["1", "1", "192.168.0.99", "5", "ON", "snmp", "0", "1"], ["3", "1", "192.168.0.99", "15", "OFF/ON", "snmp", "1", "1"]] }</pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order X=0 Group number is automatically generated by the system. X=1 group or outlet number X=2 Remote device IP X=3 Response time for web 5 10 15 min X=4 ON OFF OFF/ON ON/OFF operation Owner of X=5 Is X=6 1 a group?

	Is X=7 enabled?
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15.1 ConfigurationOutlet ping action delete

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_pingaction", "delete"] , "payload": ["1"] }</pre>	
#Array entry: Number to be deleted. Refer to section 14 for obtaining the Outlet ping action.	

return

obj	<pre>{ "payload": ["1"], "return": ["success"] }</pre>
Obj.payload[N]	Received the number array to be deleted
Obj.return[N]	Sequential processing of states "success" "error 1" parameter error "error 2" An error occurred during deletion.

15.2 ConfigurationOutlet ping action add

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_pingaction", "add"] , "payload": ["0", "1", "192.168.0.39", "5", "OFF/ON", "snmp", "0", "1"] }</pre>	
Multiple entries can be added at once. #1 When adding a new Outlet Group, enter "0" in the number. #2 Enter the Outlet number or Outlet group number #3 remote ip address #4 "5" "10" "15" mins #5 Bring in the owner #6 Input control mode "ON", "OFF", "OFF/ON", "ON/OFF" #7 "0" or "1" indicates whether it is group control. #8 "0" or "1" indicates whether the device is enabled.	

return

obj	<pre>{ "payload": [["0", "1", "192.168.0.39", "5", "OFF/ON", "snmp", "0", "1"]], "return": ["success"] }</pre>
Obj.payload[N]	Received a request to add a new scheduling array
Obj.return[N]	Sequential processing of states "success" "error 1" parameter #0 error "error 2" parameter #1 error "error 3" - Parameter #2 error "error 4" - Parameter #3 error "error 5" parameter #4 error "error 6" - Parameter #6 error "error 7" parameter #7 error Error 8 occurred while adding a new item.

15.3 ConfigurationOutlet ping action update

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_pingaction", "update"] , "payload": [["1", "1", "192.168.0.4", "5", "ON", "snmp", "0", "1"]] }</pre>	
Multiple groups can be updated at once. #1 Substitute the ping action number Please refer to other parameters.	
15.2 ConfigurationOutlet ping action add	

return

obj	<pre>{ "payload": [["1", "1", "192.168.0.4", "5", "ON", "snmp", "0", "1"]], "return": ["success"] }</pre>
Obj.payload[N]	Scheduled array that needs updating
Obj.return[N]	Sequential processing of states "success" "error 1" parameter #0 error "error 2" parameter #1 error "error 3" - Parameter #2 error "error 4" - Parameter #3 error "error 5" parameter #4 error "error 6" - Parameter #6 error "error 7" parameter #7 error Error 8 occurred while adding a new item.

16. Obtain Outlet event action

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "outlet_eventaction"] }</pre>	

return

obj	<pre>{ "order": ["sn", "source", "source index", "type", "trigger type ", "outlet/group", "action delay", "action", "flag", "owner", "is_group", "is_enable"], "payload": [["1", "Device", "1", "Over Warning", "Occurs", "1", "3", "ON", "None", "snmp", "0", "1"], ["2", "Env", "1", "Temp Over", "Occurs", "2", "4", "ON", "Override", "snmp", "0", "1"], ["3", "Trap", "1", { "about": ".1.3.6.1.4.1.123", </pre>
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	<pre> "type": "i", "value": "123", "remoteip": "192.168.2.99" }, "Occurs", "1", "6", "OFF", "None", "snmp", "0", "1"], ["4", "Trap", "1", { "about": ".1.3.6.1.4.1.2", "type": "n", "value": "", "remoteip": "192.168.2.99" }, "Occurs", "1", "33", "OFF/ON", "None", "snmp", "0", "1"]] } </pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order X=0 Group number is automatically generated by the system. X=1 source Trigger source "Device","Phase","Circuit","PDU","Env","Trap" Supported according to the webpage display X=2 source index 1~N according to the number of sources, ex phase 1~3 X=3 type Trigger type Current => "Over Warning", "Over Overload" Temperature and Humidity => "Temp Over", "Temp Under", "Humi Over", "Humi Under" Trap => Object <pre> { "about": ".1.3.6.1.4.1.2", "type": "n", "value": "", "remoteip": "192.168.2.99" } </pre> oid=>The oid that receives the trap Type=> "n","i","s" "n" => without value

	"i" => value is int "s" => value is a string value=> numerical value remote ip => IP address from which the trap was sent X=4 trigger type "Occurs","Removed" X=5 group or outlet number X=6 How many seconds is the delay before the action? X=7 ON OFF OFF/ON ON/OFF operation X=8 flag "None", "Override" Whether to immediately override the currently executing action. The owner of X=9 Is X=10 a group? Is X=11 enabled?

17.1 ConfigurationOutlet ping action delete

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_eventaction", "delete"] , "payload": ["5"] }</pre>	
#Input the array with the numbers to be deleted. Refer to section 16 for obtaining the Outlet event action.	

return

obj	<pre>{ "payload": ["5"], "return": ["success"] }</pre>
Obj.payload[N]	Received the number array to be deleted
Obj.return[N]	Sequential processing of states "success" "error 1" parameter error "error 2" An error occurred during deletion.

17.2 ConfigurationOutlet event action add

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_eventaction", "add"] , "payload": [["0", "Device", "1", "Over Warning", "Occurs", "2", "21", "ON/OFF", "Override", "snmp", "0", "1"]] }</pre>	
Multiple entries can be added at once. #0 Enter "0". The system will automatically generate the new number. #1 source Trigger source "Device","Phase","Circuit","PDU","Env","Trap" Supported according to the webpage display #2 Source index 1~N, based on the number of sources, e.g., phase 1~3 #3 type Trigger type #1= "Device","Phase","Circuit","PDU" => "Over Warning","Over Overload" #1= "Env" => "Temp Over","Temp Under","Humi Over","Humi Under" #1 = "Trap" => Object <pre>{ "about": ".1.3.6.1.4.1.2", "type": "n", "value": "", "remoteip": "192.168.2.99" }</pre> oid=>The oid that receives the trap Type=> "n","i","s" "n" => without value "i" => value is int "s" => value is a string value=> numerical value remote ip => IP address from which the trap was sent #4 trigger type => "Occurs","Removed" #5 group or outlet number #6 How many seconds should the action be delayed? #7 Operation => "ON", "OFF", "OFF/ON", "ON/OFF"	

#8 flag "None", "Override" (Whether to immediately override the currently executing action)

#9 Owner of the setting

#10 Is it group "0" or "1"?

#11 Whether to enable "0" or "1"

return

obj	<pre> { "payload": [["0", "1", "192.168.0.39", "5", "OFF/ON", "snmp", "0", "1"]], "return": ["success"] } </pre>
Obj.payload[N]	Received a request to add a new scheduling array
Obj.return[N]	Processing status error in sequence "success" "error 1" parameter #0 error "error 2" parameter #1 error "error 3" - Parameter #2 error "error 4" - Parameter #3 error "error 5" parameter #4 error "error 6" - Parameter #5 error "error 7" - Parameter #6 error "error 8" - Parameter #7 error "error 9" Parameter #8 error "error 10" parameter #10 error "error 11" - Parameter #11 error Error 12 occurred while adding a new item.

17.3 ConfigurationOutlet event action update

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_eventaction", "update"] , "payload": [["10", "Env", "1", "Temp Under", "Occurs", "4", "5", "ON", "None", "snmp", "0", "1"]] }</pre>	
Multiple groups can be updated at once. #1 Substitute the event action number Please refer to other parameters. 17.2 ConfigurationOutlet event action add	

return

obj	<pre>{ "payload": [["10", "Env", "1", "Temp Under", "Occurs", "4", "5", "ON", "None", "snmp", "0", "1"]], "return": ["success"] }</pre>
Obj.payload[N]	Scheduled array that needs updating

Obj.return[N]	Sequential processing of states Processing status error in sequence "success" "error 1" parameter #0 error "error 2" parameter #1 error "error 3" - Parameter #2 error "error 4" - Parameter #3 error "error 5" parameter #4 error "error 6" - Parameter #5 error "error 7" parameter #6 error "error 8" - Parameter #7 error "error 9" parameter #8 error "error 10" parameter #10 error "error 11" - Parameter #11 error Error 12 occurred while adding a new item.
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18. Obtain the Outlet config

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "outlet_config"] }</pre>	

return

obj	<pre>{ "order": ["sn", "name", "delay_on", "delay_off", "last_status", "owner"], "payload": [["1", "OutletA", "1", "1", "Last", ""], ["2", "OutletB", "2", "2", "Last", ""], ["3", "OutletC", "3", "3", "Last", ""], ["4", "OutletD", "4", "4", "Last", ""], ["5", "OutletE", "5", "5", "Last", ""], ["6", "OutletF", "6", "6", "Last", ""], ["7", "OutletG", "7", "7", "Last", ""], ["8", "OutletH", "8", "8", "Last", ""]] }</pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order X=0 Outlet number 1~N according to the number of outlets X=1 Outlet Name X=2 Delay on 秒 X=3 Delay off seconds X=4 "Last", "ON", "OFF" Initial state after power-on X=5 Owner

19 ConfigurationOutlet config update

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "outlet_config", "update"] , "payload": [["1", "new_outlet_name", "1", "1", "Last", "snmp"]] }</pre>	
Multiple groups can be updated at once. #0 Enter outlet number #1 outlet name length 32 #2 delay_on 0~9999 #3 delay_off 0~9999 #4 "Last", "ON", "OFF" #5 Owner user	

return

obj	<pre>{ "payload": [["1", "new_outlet_name", "1", "1", "Last", "snmp"]], "return": ["success"] }</pre>
Obj.payload[N]	Scheduled array that needs updating
Obj.return[N]	Sequential processing of states "success" "error 1" parameter #0 error "error 2" parameter #1 error "error 3" - Parameter #2 error "error 4" - Parameter #3 error "error 5" parameter #4 error Error 6 occurred while performing the update.

20. Obtain phase config

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "phase_config"] }</pre>	

return

obj	<pre>{ "order": ["sn", "warning", "overload", "carbon rate"], "payload": [["1", "24", "30", "0.5"]] }</pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order X=0, numbered 1~N according to the number of phases. X=1 Warning threshold amp X=2 overload threshold amp X=3 Carbon rate 0~1

21 Configuration phase config update

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "phase_config", "update"] , "payload": ["1", "15", "32", "0.5"] }</pre>	
Multiple groups can be updated at once. #0 Substitute the phase number 1~n #1 Warning threshold amp #2 Overload threshold amp value must be greater than the warning threshold. #3 Carbon rate: Floating-point number between 0 and 1	

return

obj	<pre>{ "payload": [["1", "new_outlet_name", "1", "1", "Last", "snmp"]], "return": ["success"] }</pre>
Obj.payload[N]	Scheduled array that needs updating
Obj.return[N]	Sequential processing of states "success" "error 1" parameter #0 error "error 2" parameter #1 error "error 3" - Parameter #2 error "error 4" - Parameter #3 error Error 5: An error occurred while performing the update.

21. Obtain the env config

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "env_config"] }</pre>	

return

obj	<pre>{ "order": ["sn", "temperature lower", "temperature upper", "humidity lower", "Humidity upper"], "payload": [["1", "0", "99", "0", "99"]] }</pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order X=0, numbered 1~N according to the number of envs. X=1 Temperature lower X=2 Temperature upper X=3 Humidity lower X=4 Humidity upper

22. Obtain PDU network settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "network"] }</pre>	

return

obj	<pre>{ "ipv4": ["dhcp", "192.168.0.216", "255.255.255.0", "", "", ""], "ipv6": ["enable", "192:168:0::127", "120", "192:168:0::1"] }</pre>
obj.ipv4[N]	IPv4 settings N=0 "static" or "dhcp" indicates whether to obtain the value automatically. When N=1 is a fixed IP address, the IP setting value is... Netmask setting when N=2 and fixed IP address Gateway settings when N=3 and fixed IP address When N=4 and the IP address is fixed, DNS 1 When N=5 and the IP address is fixed, DNS 2
obj.ipv6 [N]	IPv6 settings N=0 "enable" or "disable" Enable or disable N=1 IPv6 setting N=2 ipv6 netmask (bits) N=3 IPv6 gateway setting

23. Modify PDU network settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "network"], "payload": { { "ipv4": ["static", "192.168.0.216", "255.255.255.0", "192.168.0.1", "168.95.1.1", ""], "ipv6": ["enable", "192:168:0::127", "120", "192:168:0::1"], "effect": "1"} } }</pre>	
The IPv4 and IPv6 effects in the payload can be selected and modified as needed. For parameters, please refer to section 22, "Obtaining PDU network settings". ipv4When using DHCP, other values will be automatically filled in with "". ipv6When disabled, other values will be automatically filled with "". The network settings will take effect immediately if payload.effect="1".	

return

obj	<pre>{ "payload": { "ipv4": ["static", "192.168.0.216", "255.255.255.0", "192.168.0.1", "168.95.1.1", ""], "ipv6": ["enable", "192:168:0::127", "120", "192:168:0::1"], "effect": "1"}, "ipv4": "success", "ipv6": "success" }</pre>
obj.payload.ipv4	<pre>"success" "error 1" #0 Parameter error "error 2" #1 Parameter error "error 3" #3 Parameter error "error 4" #4 Parameter error Error 5 occurred during modification. "" Variable count error</pre>
obj.payload.ipv6	<pre>"success" "error 1" #0 Parameter error "error 2" #1 Parameter error "error 3" #3 Parameter error "error 4" #4 Parameter error Error 5 occurred during modification. "" Variable count error</pre>

24. Obtain PDU HTTP settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "http"] }</pre>	

return

obj	<pre>{ "http": ["1", "0", "0", "80"] }</pre>
obj.http[N]	N=0 "0" or "1" Enables or disables HTTP #http The API functionality is disabled and therefore unusable. N=1 "0" or "1" Enables HTTPS N=2 "0" or "1" enables automatic redirection from HTTP to HTTPS. N=3 network port number Restricted to use 80 or 443 or 10000~50000

25. Modify PDU HTTP settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "http"], "payload": { { "http": ["1", "0", "0", "80"], "effect": "1" } } }</pre>	
For parameters, please refer to section 24, "Obtaining PDU HTTP Settings". payload.effect="1" makes the setting take effect immediately.	

return

obj	<pre>{ "payload": { "http": ["1", "0", "0", "80"], "effect": "1" }, "http": "success" }</pre>
obj.payload.http	<pre>"success" "error 1" #0 Parameter error "error 2" #1 Parameter error "error 3" #3 Parameter error "error 4" #4 Parameter error Error 5 occurred during modification. "" Variable count error</pre>

26. Obtain PDU telnet settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "telnet"] }</pre>	

return

obj	<pre>{ "telnet": ["0", "0", "23"] }</pre>
obj.telnet[N]	N=0 "0" or "1" Enables/disables telnet / ssh N=1 "0" or "1" Enables SSH N=2 network port number Restricted to use 22 or 23 or 10000~50000

27. Modify PDU telnet settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "telnet"], "payload": { { "telnet": ["0", "0", "23"], "effect": "1" } } }</pre>	
For parameters, please refer to section 26, Obtaining PDU Telnet Settings. payload.effect="1" makes the setting take effect immediately.	

return

obj	<pre>{ "payload": { "telnet": ["1", "0", "0", "80"], "effect": "1" }, "http": "success" }</pre>
obj.payload.telnet	<pre>"success" "error 1" #0 Parameter error "error 2" #1 Parameter error "error 3" #3 Parameter error Error 4 occurred during modification. "" Variable count error</pre>

28. Acquisition PDU ipfiter setting

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "ipfilter"] }</pre>	

return

obj	<pre>{ "ipfilter": ["192.168.0.99", "192.168.0.98"] }</pre>
obj.ipfilter[N]	N=1~10 Whitelist of IPs allowed to connect to the PDU

29. Modify PDU ipfilter settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "ipfilter"], "payload": { "ipfilter": ["192.168.0.99", "192.168.0.98", "192.168.0.97"], "effect": "1" } }</pre>	
For parameters, please refer to section 28, "Obtaining PDU ipfilter settings". `payload.effect="1"` makes the setting take effect immediately. # The value is set to []. An empty array indicates that the IP filter is not used. #Set as whitelist, non-whitelisted IPs cannot connect. #Limited to a maximum of 10 IP addresses	

return

obj	<pre>{ "payload": { "ipfilter": ["192.168.0.99", "192.168.0.98", "192.168.0.97"], "effect": "1" }, "ipfilter": "success" }</pre>
obj.payload.ipfilter	<pre>"success" "error n" #0~(n-1) ip format indicates an error.</pre>

30. Obtain user

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "user"] }</pre>	

return

obj	<pre>{ "order": ["sn", "name", "Permissions", "Email"], "payload": [["1", "snmp", "Administrator", ""], ["3", "aaa", "Read/Write", ""], ["4", "bbb", "Read", ""]] }</pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order X=0 The numbering system generates automatically. X=1 Username X=2 permissions "Administrator" "Read/Write" => Power User "Read" => View Only X=3 e-mail

31.1 Configuration user delete

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "user", "delete"] , "payload": ["3"] }</pre>	
#Array entry: Enter the ID to be deleted. Refer to 30 for obtaining the ID. (User ID can be obtained from this step.) #"Administrator" cannot be deleted	

return

obj	<pre>{ "payload": ["1"], "return": ["success"] }</pre>
Obj.payload[N]	Received the number array to be deleted
Obj.return[N]	Sequential processing of states "success" "error 1" parameter error "error 2" cannot be deleted or does not exist. "error 3" An error occurred during deletion.

31.2 Configuration usr add

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "user", "add"] , "payload": [["0", "new user", "12345678", "Read", "example@gmail.com"]] }</pre>	
Multiple groups can be added at once. #1 When adding a new item, enter "0" in the number. #2 Username (cannot be repeated) #3 Password #4 Enter the user #5 email or ""	

return

obj	<pre>{ "payload": [["0", "new user", "12345678", "Read", "example@gmail.com"]], "return": ["success"] }</pre>
Obj.payload[N]	Received a new group array that needs to be added
Obj.return[N]	Sequential processing of states "success" "error 1" N=0 Parameter error "error 2" N=1 Name cannot be blank "error 3" N=2 Password cannot be blank "error 4" N=3 can only accept "Read/Write" or "Read". "error 5" N=4 Email format error "error 6" N=1 Name already exists Error 7 occurred while adding a new item.

31.3 Configuration user update

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "user", "update"] , "payload": [["1", "snmp", "5555", "Read", "ad@gmail.com"]] }</pre>	
Multiple groups can be updated at once. #1 Substitute number #2 Substitute Name #3 Password SNMP password changed "psw" The password will also be changed as a result. #4 "Read/Write" or "Read" indicates that the SNMP administrator can only change the password and email address. #5 email or ""	

return

obj	<pre>{ "payload": [["1", "snmp", "5555", "Administrator", "ad@gmail.com"]], "return": ["success"] }</pre>
Obj.payload[N]	Scheduled array that needs updating
Obj.return[N]	Sequential processing of states "success" "error 1" N=0 Parameter error "error 2" N=1 Name cannot be blank "error 3" N=2 Password cannot be blank "error 4" N=3 can only accept "Read/Write" or "Read". "error 5" N=4 Email format error Error 6 occurred while adding a new item.

32. Obtain PDU radius settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "radius"] }</pre>	

return

obj	<pre>{ "radius": ["1", "192.168.2.90", "password", "1812", "3", "3", "192.168.2.91", "password", "1812", "3", "3"] }</pre>
obj.radius[N]	N=0 enable / disable => "1" or "0" N=1 Primary Server N=2 Shared Secret N=3 Port Number N=4 Timeout N=5 Retries N=6 Secondary Server N=7 Shared Secret N=8 Port Number N=9 Timeout N=10 Retries

33. Modify PDU radius setting

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "radius"], "payload": { "radius": ["1", "192.168.2.90", "password", "1812", "3", "3", "192.168.2.91", "password", "1812", "3", "3"] } }</pre>	
For parameters, please refer to section 32, "Obtain PDU radius setting". # disable=>"0" Other parameters will be automatically filled with "" # Timeout 0~20. If it exceeds this timeout, the maximum or minimum timeout will be automatically filled in. # Retries 0~5. Retries exceeding this number will be automatically filled with the maximum or minimum value. # Settings will be updated immediately after writing.	

return

obj	<pre>{ "payload": { "radius": ["1", "192.168.2.90", "password", "1812", "3", "3", "192.168.2.91", "password", "1812", "3", "3"] }, "radius": "success" }</pre>
obj.payload.radius	<pre>"success" "error n" #0~11 Parameter format error Error 12 occurred during writing.</pre>

34. Obtain PDU mail settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "mail"] }</pre>	

return

obj	<pre>{ "telnet": ["smtp.gmail.com", "587", "1", "1", "", ""] }</pre>
Obj.mail[N]	N=0 ip or domain N=1 smtp port N=2 enable/ disable TLS/SSL "1" or "0" N=3 enable/ disable Authentication "1" or "0" N=4 Account N=5 Password

35. Modify mail settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "mail"], "payload": { "mail": ["smtp.gmail.com", "587", "1", "1", "", ""], "test": ["receiver@gmail.com"] } }</pre>	
For parameters, please refer to section 34, "Obtain PDU mail settings". payload.test can be used to represent a test. #mail or test can be entered individually.	

return

obj	<pre>{ "payload": { "mail": ["smtp.gmail.com", "587", "1", "1", "", ""], "test": ["receiver@gmail.com"] }, "mail": "success", "test": "success" }</pre>
obj.payload.mail	<pre>"success" "error 1" #0 Parameter error "error 2" #1 Parameter error "error 3" #3 Parameter error "error 4" #4 Parameter error Error 5 occurred during modification. "" Variable count error</pre>
obj.payload.test	<pre>"success" "error 1" #0 Parameter error</pre>

36. Acquisition time setting

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "time"] }</pre>	

return

obj	<pre>{ "time": ["0", "pool.ntp.org", "asia.pool.ntp.org", "10", "0"] }</pre>
Obj.mail[N]	N=0 enable/ disable sntp sync time "1" or "0" N=1 Primary Timer Server N=2 Secondary Time Server N=3 Time Between Automatic Updates "10" or "60" mins N=4 Timezone -11~12

37. Modify time settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "time"], "payload": { { "time": ["1", "asia.pool.ntp.org", "pool.ntp.org", "60", "8"], "correction": ["2025/02/24 12:10:30"] } } }</pre>	
For parameters, please refer to section 36, "Obtain PDU time setting". Payload.correction[0] includes time.YYYY/MM/DD HH:II:SS indicates the calibration time up to this set value.	

return

obj	<pre>{ "payload": { "time": ["1", "asia.pool.ntp.org", "pool.ntp.org", "60", "8"] }, "time": "success", "correction": "success" }</pre>
obj.payload.time	<pre>"success" "error 1" #0 Parameter error "error 2" #1 Parameter error "error 3" #2 Parameter error "error 4" #3 Parameter error Error 5 occurred during modification. "" Variable count error</pre>
obj.payload.correction	<pre>"success" "error 1" #0 Time format error "" Variable count error</pre>

38. Get snmp settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "snmp"] }</pre>	

return

obj	<pre>{ "snmp": ["1", "pdu", "admin", "office"], "heartbeat": ["0"] }</pre>
obj.snmp[N]	N=0 enable/ disable snmp "1" or "0" N=1 name N=2 Contact N=3 Location
obj.heartbeat[N]	N=0 sends a trap heartbeat every few seconds; 0 => disable If the set value is less than 10, it will automatically be set to 10. If the set value is less than or equal to 0, it will automatically be set to 0.

39. Modify SNMP settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "snmp"] , "payload": { "snmp": ["1", "pdu", "admin", "office"], "heartbeat": ["10"], "effect": "1" } }</pre>	
For parameters, please refer to section 38, "Obtaining SNMP Settings". load.effect="1" makes the setting take effect immediately.	

return

obj	<pre>{ "payload": { "snmp": ["1", "pdu", "admin", "office"], "heartbeat": ["10"], "effect": "1" }, "heartbeat": "success", "snmp": "success" }</pre>
obj.payload.snmp	<pre>"success" "error 1" #0 Parameter error "error 2" #1 Parameter error "error 3" #2 Parameter error "error 4" #3 Parameter error Error 5 occurred during modification. "" Variable count error</pre>
obj.payload.heartbeat	<pre>"success" An error occurred while modifying "error 1". "" Variable count error</pre>

40. Obtain SNMP v1 v2c

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "snmp_v1v2c"] }</pre>	
#Fixed 8 pairs	

return

obj	<pre>{ "order": ["sn", "access type", "community"], "payload": [["1", "Read", "public"], ["2", "Read/Write", "private"], ["3", "Disable", ""], ["4", "Disable", ""], ["5", "Disable", ""], ["6", "Disable", ""], ["7", "Disable", ""], ["8", "Disable", ""]] }</pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order X=0 Number 1~8 X=1 permission "Disable" "Read" "Read/Write" X=2 community name

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URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "snmp_v1v2c", "update"] , "payload": [["1", "Read/Write", "private"], ["2", "Read", "public"]] }</pre>	
Multiple groups can be updated at once. #0 Substitute numbers 1~8 #1 権限 "Disable" "Read" "Read/Write" #2 community "Read" "Read/Write" cannot be blank #After setting up, please refer to step 39. Modify SNMP settings and execute the effect action.	

return

obj	<pre>{ "payload": [["1", "Read/Write", "private"], ["2", "Read", "public"]], "return": ["success", "success"] }</pre>
Obj.payload[N]	Scheduled array that needs updating
Obj.return[N]	Sequential processing of states "success" "error 1" parameter #0 error "error 2" parameter #1 error "error 3" - Parameter #2 error Error 4 occurred while performing the update.

42. Obtain SNMP v3

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "snmp_v3"] }</pre>	
#Fixed 8 pairs	

return

obj	<pre>{ "order": ["sn", "access type", "user", "auth type", "auth protocol", "auth key", "priv protocol", "priv key"], "payload": [["1", "Read", "", "auth", "MD5", "123", "AES", "456"], ["2", "Disable", "", "noauth", "MD5", "", "AES", ""], ["3", "Disable", "", "noauth", "MD5", "", "AES", ""], ["4", "Disable", "", "noauth", "MD5", "", "AES", ""], ["5", "Disable", "", "noauth", "MD5", "", "AES", ""], ["6", "Disable", "", "noauth", "MD5", "", "AES", ""], ["7", "Disable", "", "noauth", "MD5", "", "AES", ""], ["8", "Disable", "", "noauth", "MD5", "", "AES", ""]] }</pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order X=0 Number 1~8 X=1 権限 "Disable" "Read" "Read/Write" X=2 user name X=3 auth type "noauth","auth","authPriv" X=4 auth protocol "MD5","SHA" X=5 auth key X=6 priv protocol "AES","DES"

	X=7 priv key
--	--------------

43 Setting snmp_v3 update

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "snmp_v3", "update"] , "payload": [["2", "Disable", "", "noauth", "MD5", "", "AES", ""], ["3", "Read", "123", "auth", "MD5", "3331", "AES", "3332"], ["4", "Read/Write", "456", "authPriv", "DRINK", "4441", "OF THE", "4442"]] }</pre>	
Multiple groups can be updated at once. #Please refer to section 42. Obtaining SNMP v3 settings #After setting up, please refer to step 39. Modify SNMP settings and execute the effect action.	

return

obj	<pre>{ "payload": [["2", "Disable", "", "noauth", "MD5", "", "AES", ""], ["3", "Read", "123", "auth", "MD5", "3331", "AES", "3332"], ["4", "Read/Write", "456", "authPriv", "DRINK", "4441", "OF THE", "4442"]], "return": ["success", "success", "success"] }</pre>
Obj.payload[N]	Scheduled array that needs updating
Obj.return[N]	Sequential processing of states "success" "error 1" parameter #0 error "error 2" parameter #1 error "error 3" - Parameter #2 error "error 4" - Parameter #3 error "error 5" parameter #4 error "error 6" - Parameter #6 error Error 7 occurred while performing the update.

44. Obtain trap v1 v2c

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "trap_v1v2c"] }</pre>	
#Fixed 4-group setting	

return

obj	<pre>{ "order": ["sn", "enable", "remote ip", "community"], "payload": [["1", "Disable", "", ""], ["2", "Disable", "", ""], ["3", "Disable", "", ""], ["4", "Disable", "", ""],] }</pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order X=0 Number 1~4 X=1 Enable"Disable" "Enable" X=2 remote ip address X=3 community

45. Configure trap v1v2c update

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "trap_v1v2c", "update"] , "payload": [["1", "Enable", "192.168.2.98", "aaa"], ["2", "Disable", "192.168.2.99", "bbb"]] }</pre>	
Multiple groups can be updated at once. #0 Substitute number 1~4 #1 Permissions: "Disable" "Enable" #2 community "Read" "Read/Write" cannot be blank	

return

obj	<pre>{ "payload": [["1", "Enable", "192.168.2.98", "aaa"], ["2", "Disable", "192.168.2.99", "bbb"]], "return": ["success", "success"] }</pre>
Obj.payload[N]	Scheduled array that needs updating
Obj.return[N]	Sequential processing of states "success" "error 1" parameter #0 error "error 2" parameter #1 error "error 3" - Parameter #2 error "error 4" Parameter #3 error Error 5 occurred while performing the update.

46. Obtain trap v3

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "trap_v3"] }</pre>	
#Fixed 4-group setting	

return

obj	<pre>{ "order": ["sn", "access type", "user", "remote ip", "auth type", "auth protocol", "auth key", "priv protocol", "priv key"], "payload": [["1", "Disable", "", "", "noauth", "MD5", "", "AES", ""], ["2", "Disable", "", "", "noauth", "MD5", "", "AES", ""], ["3", "Disable", "", "", "noauth", "MD5", "", "AES", ""], ["4", "Disable", "", "", "noauth", "MD5", "", "AES", ""], []] }</pre>
Obj.order[N]	Data logs represent the numerical order of data.
Obj.payload[N]	Two-dimensional array N data
Obj.payload[N][X]	X according to order X=0 Number 1~8 X=1 Whether to enable "Disable" or "Enable" X=2 user name X=3 remote ip X=4 auth type "noauth", "auth", "authPriv" X=5 auth protocol "MD5", "SHA" X=6 auth key X=7 priv protocol "AES", "DES" X=8 priv key

47. Configure trap_v3 update

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "trap_v3", "update"] , "payload": [["2", "Disable", "", "", "noauth", "MD5", "", "AES", ""], ["3", "Read", "123", "192.168.2.99", "auth", "MD5", "3331", "AES", "3332"], ["4", "Read/Write", "456", "192.168.2.98", "authPriv", "DRINK", "4441", "OF THE", "4442"]] }</pre>	
Multiple groups can be updated at once. #Please refer to section 46. Obtaining trap v3 settings #After setting up, please refer to 39. Modify SNMP settings and execute the effect action.	

return

obj	<pre>{ "payload": [["2", "Disable", "", "", "noauth", "MD5", "", "AES", ""], ["3", "Read", "123", "192.168.2.99", "auth", "MD5", "3331", "AES", "3332"], ["4", "Read/Write", "456", "192.168.2.98", "authPriv", "DRINK", "4441", "OF THE", "4442"]], "return": ["success", "success", "success"] }</pre>
Obj.payload[N]	Scheduled array that needs updating
Obj.return[N]	Sequential processing of states "success" "error 1" parameter #0 error "error 2" parameter #1 error "error 3" - Parameter #2 error "error 4" - Parameter #3 error "error 5" parameter #4 error "error 6" - Parameter #4 error "error 7" parameter #7 error Error 8 occurred while performing the update.

48.Get syslog settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "syslog"] }</pre>	

return

obj	<pre>{ "syslog": ["192.168.2.99", "192.168.2.98", "514"] }</pre>
Obj.syslog[N]	N=0 Primary Syslog Server N=1 Secondary Syslog Server N=2 Port

49. Modify syslog settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "syslog"], "payload": { "syslog": ["192.168.2.99", "192.168.2.98", "514"], "clear": "0" } }</pre>	
For parameters, please refer to section 48, "Obtaining syslog settings". "clear" => "1" indicates clearing the current setting = not sending syslog.	

return

obj	<pre>{ "payload": { "syslog": ["192.168.2.99", "192.168.2.98", "514"], "clear": "0" }, "syslog": "success", "clear": "success" }</pre>
obj.payload.syslog	<pre>"success" "error 1" #0 Parameter error "error 2" #1 Parameter error "error 3" #2 Parameter error Error 4 occurred during modification. "" Variable count error</pre>
obj.payload.clear	<pre>"success" No action was performed.</pre>

50. Acquisition log settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["get", "log_config"] }</pre>	

return

obj	<pre>{ "data": ["10"], "event": ["1", "1", "1", "1", "1", "1", "1", "1"] }</pre>
Obj.data[N]	N=0 Recording frequency (minutes) => Three options: "10", "30", "60"
Obj.event[N]	The following events are logged: enable / disable => "1" / "0". N=0 User Log in N=1 System Configuration Change N=2 Outlet On N=3 Outlet Off N=4 Temperature Overrun in N=5 Temperature Underrun N=6 Humidity Overrun N=7 Humidity Underrun

51. Modify log settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "log_config"], "payload": { { "data": ["10"], "event": ["1", "1", "1", "1", "1", "1", "1", "1", "1"] } } }</pre>	
For parameters, please refer to step 50, Obtaining Log Settings. #event "1" or "0" Entering other values will automatically fill in "0".	

return

obj	<pre>{ "payload": { "data": ["10"], "event": ["1", "1", "1", "1", "1", "1", "1", "1", "1"] }, "data": "success", "event": "success" }</pre>
obj.payload.data	<pre>"success" "error 1" #0 Parameter error Error 2 occurred during modification. "" Variable count error</pre>
obj.payload.event	<pre>"success" An error occurred while modifying "error 1". "" Variable count error</pre>

52. System Settings

URL	http://ipaddress/api/ent.php
Post Json	http://192.168.0.216/api/ent.php
<pre>{ "psw": "1234", "req": ["set", "system"], "payload": { "config": "export", "firmware": "import", "https_pem": "import" } }</pre>	
"config" -> "export" generates the configuration file URL. -> "import" enable config import. After execution, you can choose one of the following commands to upload the config file. <pre>wget --post-file=PDU.cnf http://127.0.0.1/api/upload_config.php curl -X POST --data-binary @PDU.cnf -H "Expect:" http://127.0.0.1/api/upload_config.php</pre> -> "clean" removes all generated configuration files and disables imports. -> "effect" applies to imported files -> "reset" restores the settings to the default value. -> "reset except ip" restores the IP settings to their default values.	
After executing "firmware" -> "import" to enable import, you can choose one of the following commands to upload the firmware file. <pre>wget --post-file=PDU.fm http://127.0.0.1/api/upload_firmware.php curl -X POST --data-binary @PDU.fm -H "Expect:" http://127.0.0.1/api/upload_firmware.php</pre> -> "clean" disable import -> "update" performs an update that retains settings. -> "update and reset" - Reset after update	
"https_pem" -> "import" enable import. After execution, you can choose one of the following commands to upload the firmware file. <pre>wget --post-file=pdu.pem http://127.0.0.1/api/upload_https_pem.php curl -X POST --data-binary @pdu.pem -H "Expect:" http://127.0.0.1/api/upload_https_pem.php</pre> -> "clean" disable import #After uploading, please refer to step 25. Modify PDU HTTP settings and restart the service.	

return

obj	<pre>{ "payload": { "config": "export" }, "config": ["success", "http://60.250.76.81:12080/api/cnf_MTc0MTA1NjQ3OQ==/RPM.cnf"] }</pre>
-----	--

Obj.payload.config[N]	<pre>"export" N=0 "success" N=1 "export" => download url "import" "clean" "reset" "reset except ip" "update" "update and reset" N=0 "success" "effect" N=0 "success" N=0 "Error File is not available" The file does not exist.</pre>