

# User Manual



## MP-4PC

### 4 Ports Power Controller



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Version: MP-4PC\_2025V1.0

### Preface

Read this user manual carefully before using the product. Pictures shown in this manual are for reference only. Different models and specifications are subject to real product. This manual is only for operation instruction, please contact the local distributor for maintenance assistance. The functions described in this version were updated till July, 2025. In the constant effort to improve the product, we reserve the right to make functions or parameters changes without notice or obligation. Please refer to the dealers for the latest details.

### FCC Statement

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. It has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial installation.

Operation of this equipment in a residential area is likely to cause interference, in which case the user at their own expense will be required to take whatever measures may be necessary to correct the interference.

Any changes or modifications not expressly approved by the manufacture would void the user's authority to operate the equipment.



### SAFETY PRECAUTIONS

To ensure the best from the product, please read all instructions carefully before using the device. Save this manual for further reference.

- Unpack the equipment carefully and save the original box and packing material for possible future shipment.
- Follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- Do not dismantle the housing or modify the module. It may result in electrical shock or burn.
- Using supplies or parts not meeting the products' specifications may cause damage, deterioration or malfunction.
- Refer all servicing to qualified service personnel.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Do not put any heavy items on the extension cable in case of extrusion.
- Do not remove the housing of the device as opening or removing housing may expose you to dangerous voltage or other hazards.
- Install the device in a place with fine ventilation to avoid damage caused by overheat.
- Keep the module away from liquids.
- Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately.
- Do not twist or pull by force ends of the optical cable. It can cause malfunction.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.
- Unplug the power cord when left unused for a long period of time.
- Information on disposal for scrapped devices: do not burn or mix with general household waste, please treat them as normal electrical wastes.

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# 1. Product Introduction

Thanks for choosing the 4 Ports Power Controller with redundant TCP/IP port. The controller is designed for power control and metering. It supports up to AC110V~250V 10A IEC C14 power input and four 10A IEC C13 outlets.

The controller supports power control and metering via TCP/IP, which provide multiple network protocols and IoT protocols.

## 1.1 Features

- Switch control, voltage, current and power consumption metering.
- 2x TCP/IP network ports to provide continuous network services.
- Overload protection, wiring error protection, remote login verification.
- Supports multiple network protocols and IoT protocols.
- Controllable via RS-232 and Web-GUI.

## 1.2 Package List

- 1x MP-4PC
- 1x RS-232 Cable
- 1x Power Cable (AU/ EU/ UK/ US)
- 2x Mounting Ears and 4x Screws
- 4x Rubber Feet
- 1x User Manual

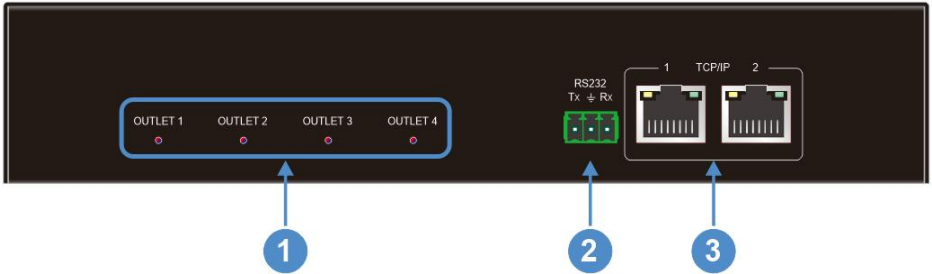
**Note:** Please contact your distributor immediately if any damage or defect in the components is found.

## 2. Specification

| <b>Input</b>              |                                    |
|---------------------------|------------------------------------|
| Voltage                   | AC 110-250V                        |
| Frequency                 | 50/60Hz                            |
| Current                   | Max. 10A                           |
| Connector                 | 1x IEC C14                         |
| <b>Output</b>             |                                    |
| Voltage                   | AC 110-250V                        |
| Frequency                 | 50/60Hz                            |
| Current                   | Max. 10A per port                  |
| Connector                 | 4x IEC C13                         |
| <b>Control</b>            |                                    |
| Mode                      | TCP/IP, RS-232                     |
| Connector                 | 2x RJ45, 1x 3-pin phoenix terminal |
| <b>General</b>            |                                    |
| Voltage Range             | 110-250V                           |
| Current Range             | 0-10A                              |
| Frequency Range           | 45-65Hz                            |
| Power Factor              | 0-1                                |
| Operation Temperature     | -5°C ~ +55°C                       |
| Storage Temperature       | -20°C ~ +70°C                      |
| Relative Humidity         | 0% ~ 80%                           |
| Standby Power Consumption | 1.53W                              |
| Dimension (W*H*D)         | 218mm x 42.5mm x 153mm             |
| Net Weight                | 970g                               |

## 3. Panel Description

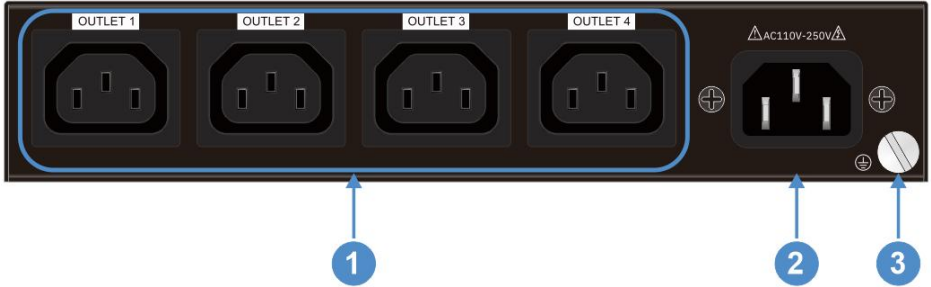
### 3.1 Front Panel



| No. | Name             | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ①   | OUTLET INDICATOR | <p>4x blue/ red LEDs, power output indicator.</p> <ul style="list-style-type: none"> <li>● LED off: Stop power output</li> <li>● Blue on: Power output</li> <li>● Blue flash: Delayed state before power output</li> <li>● Red on: Overload</li> <li>● Red flash: Detect the third-party device. If the third-party device is detected, the LED will turn blue. If the third-party device is not detected, the LED will flash for 10 seconds and then turns blue.</li> </ul> |
| ②   | RS232            | 1x 3-pin phoenix terminal, for RS-232 control.                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ③   | TCP/IP           | <p>2x RJ45, supports access to Web-GUI.</p> <ul style="list-style-type: none"> <li>● Green and yellow on: Link status</li> <li>● Green and yellow flash: Data transfer</li> <li>● Green and yellow off: Disconnect</li> </ul>                                                                                                                                                                                                                                                |

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### 3.2 Rear Panel



| No. | Name   | Description                                       |
|-----|--------|---------------------------------------------------|
| ①   | OUTLET | 4x IEC C13, for power output. Up to 10A per port. |
| ②   | INLET  | 1x IEC C14, for power input. AC 110-250V 10A.     |
| ③   | GDN    | 1x screw ground terminal.                         |

### 4. Panel Drawing

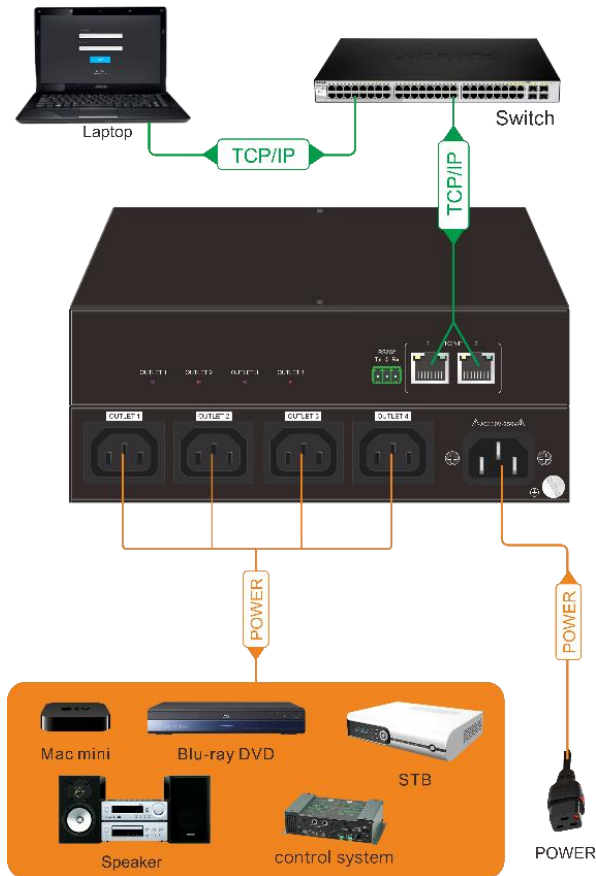


### 5. System Connection

#### 5.1 Usage Precaution

- Make sure all components and accessories included before installation.
- System should be installed in a clean environment with proper temperature and humidity.
- All of the power switches, plugs, sockets, and power cords should be insulated and safe.
- All devices should be connected before power on.

#### 5.2 System Diagram

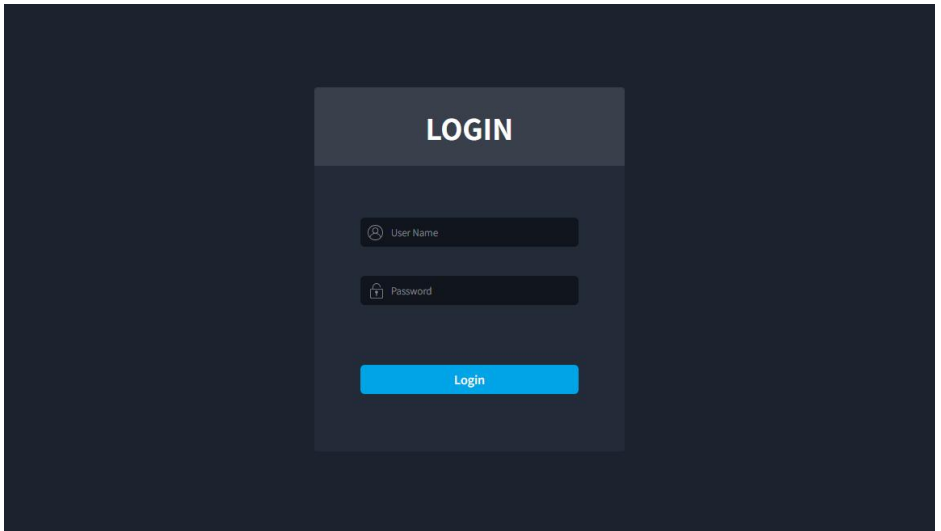


## 6. Web-GUI Control

Connect the TCP/IP port of the MP-4PC. TCP/IP supports DHCP by default. If it is DHCP, please use the assigned IP address. If connect the device directly to the PC or using the static IP, please enter the default TCP/IP information as follow:

- TCP/IP 1: 192.168.0.178
- TCP/IP 2: 169.254.2.225

Please type the IP address in the address bar of the browser to enter the Web-GUI login interface.



Then type the User Name and the Password. The default login information is as follows:

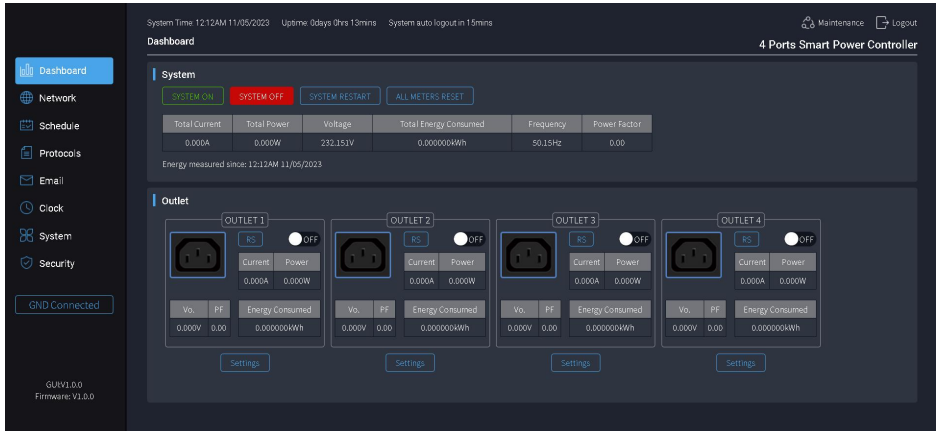
- User Name: admin
- Password: Admin123@

Last, click Login to enter the main interface.

**Note:** To protect the safety of the device, please change the default password in time.

### 6.1 Dashboard

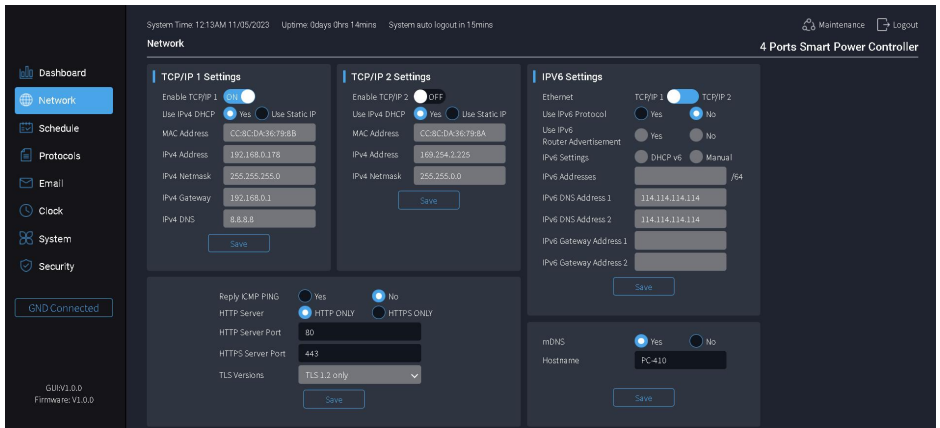
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**System:** Control system and metering system data.

**Outlet:** Control per outlet and metering outlet data.

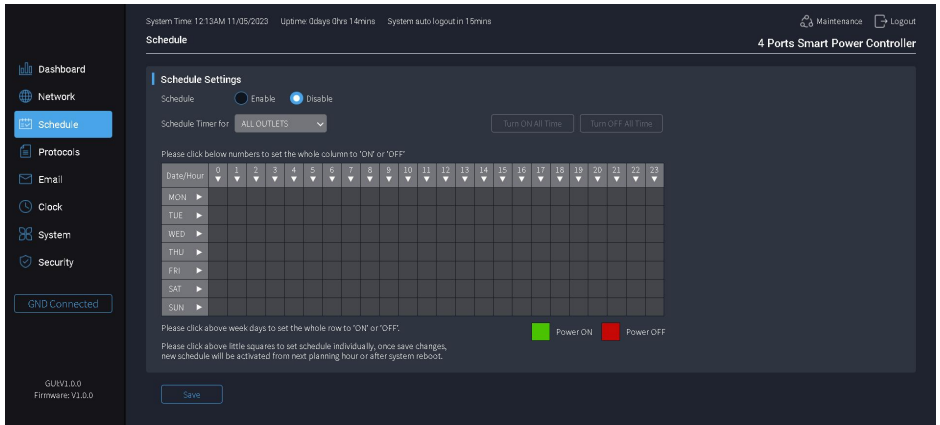
## 6.2 Network



Here can set up the TCP/IP, IPV6, HTTP and mDNS.

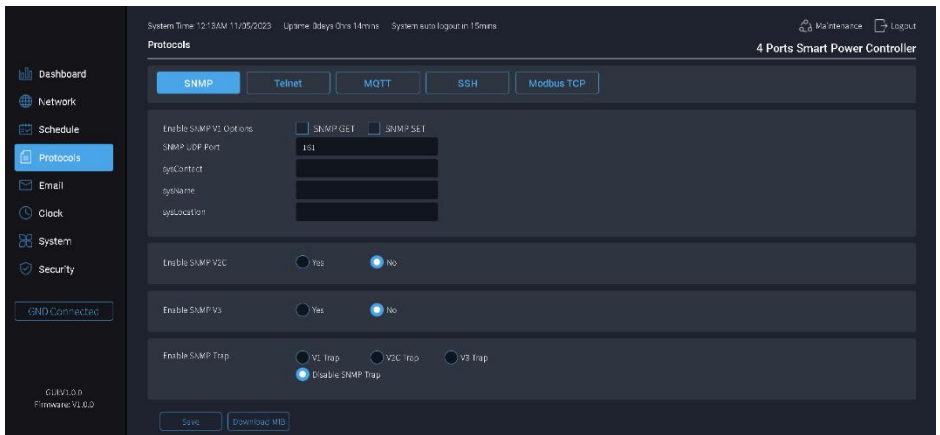
## 6.3 Schedule

## 4 Ports Power Controller



**Schedule Settings:** enable/disable the outlet according to the set time.

## 6.4 Protocols



Here are some available protocols for user: SNMP, Telnet, MQTT, SSH and Modbus TCP. They are used to establish connection between some software and the device.

## 6.5 Email

## 4 Ports Power Controller

Dashboard

Network

Schedule

Protocols

Email

Clock

System

Security

GND Connected

GUI V1.0.0  
Firmware V1.0.0

System Time: 12:14AM 11/05/2023    Uptime: 0days 0hrs 15mins    System auto logout in 15mins

Maintenance    Logout

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Email

SMTP Settings

Using Outlook Client    ☐ Yes    ☒ No

SMTP Server

SMTP Server Port

Connection Encryption

Enable SMTP Authentication    ☒ Yes    ☐ No

Username

Password

Repeat Password

Default Sender Name

Send System Daily Reports    ☐ Yes    ☒ No  
Report send only when alarm happens if not tick Yes.

Daily Report Time      (hh:mm)

Save

Email Testing

SMTP Setting must be completed before email testing.

To Recipients

Separate by ";" to send multiple recipients, for example: user1@email.com,user2@gmail.com

From Sender

Fill in custom email sender address, leave blank by using default address

Send

Custom Email Content

Email Topic

Using system default topic when custom topic is no set.

To Recipients

Separate by ";" to send multiple recipients, for example: user1@email.com,user2@gmail.com

Save

**SMTP Settings:** type SMTP server and other related information.

**Email Testing:** type test email.

**Custom Email Content:** type test topic.

### 6.6 Clock

Dashboard

Network

Schedule

Protocols

Email

Clock

System

Security

GND Connected

GUI V1.0.0  
Firmware V1.0.0

System Time: 12:14AM 11/05/2023    Uptime: 0days 0hrs 15mins    System auto logout in 15mins

Maintenance    Logout

4 Ports Smart Power Controller

Clock

NTP Settings

Enable NTP Server    ☐ Yes    ☒ No

Save

Manual Settings

Set Date Manually     (dd/mm/yyyy)

Set Time Manually      (hh:mm)

Clock Format    ☒ 12-hour    ☐ 24-hour

Save

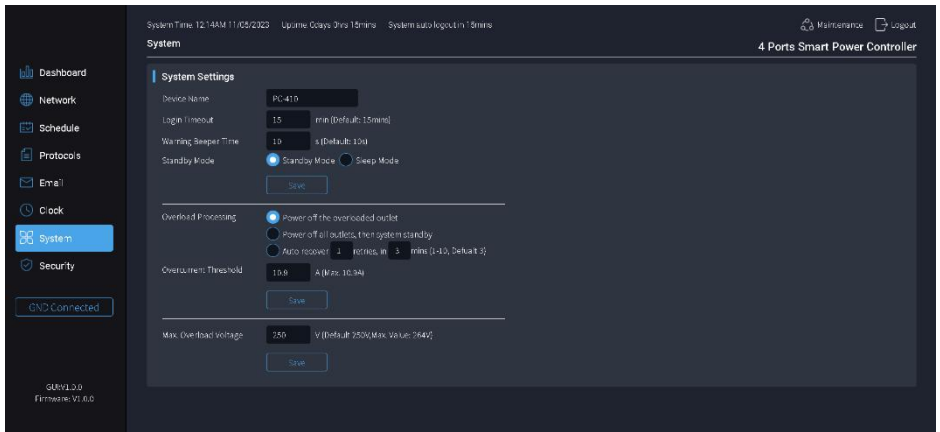
**NTP Settings:** type NTP server and select other related information.

**Manual Settings:** when not using NTP, the time can be set manually.

### 6.7 System

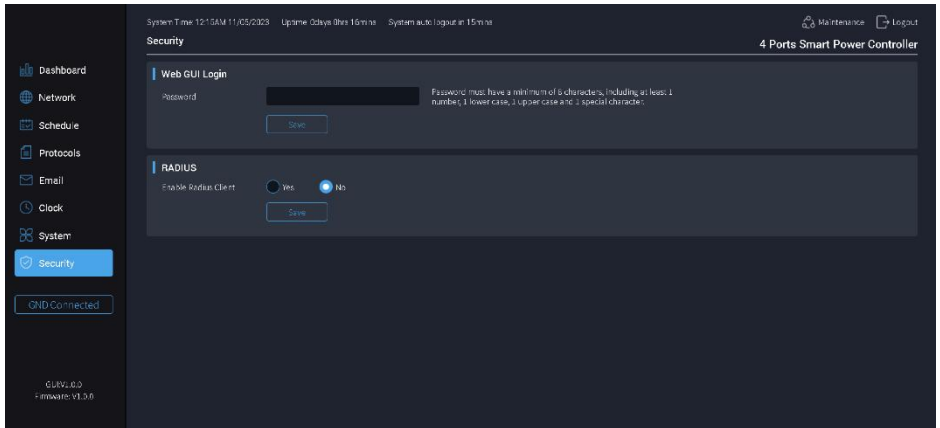
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Here can set up the device function response time, overload current threshold and overload voltage threshold, etc.

## 6.8 Security



**Web GUI Login:** change the login password of GUI.

**RADIUS:** enable the RADIUS for security login.

## 6.9 Maintenance

## 4 Ports Power Controller

The screenshot displays the web interface of a 4 Ports Smart Power Controller. The top navigation bar includes 'Maintenance' and 'Logout' links, along with system status information: 'System Time 11:53 12/11/2025', 'Uptime: 0days 0hrs 4mins', and 'System auto logout in 9999mins'. The main content area is titled 'Maintenance' and contains several functional sections:

- System Logs:** Includes buttons for 'View Log File', 'Clear Log File', and 'Export Log File'. Below these is a table with 10 empty rows for log entries.
- Firmware Update:** Features a 'Select File' dropdown set to 'C:/', an 'Upload' button, and a 'Logname' field.
- SSL Certificate Upload:** Contains two input fields for 'SSL Key' and 'SSL Certificate', both with placeholder text 'Please select .key/.pem file'. Below these are 'Upload' and 'Restore to Default' buttons.
- Config Import:** Includes a 'Select File' dropdown set to 'C:/' and an 'Import' button.
- Config Export:** Features an 'Export' button.
- Device Management:** Includes buttons for 'Restart Device', 'Factory Reset', and 'Flush DNS Cache'.

A sidebar on the left lists navigation options: Dashboard, Network, Schedule, Protocols, Email, Clock, System, and Security. A 'GND Connected' status indicator is also present. The bottom left corner shows the version information: 'GLV1.0.2' and 'Firmware: V1.0.1'.

Here can view system logs, upgrade firmware, upload SSL certificate, import and export configurations, and restart devices, etc.

# 7. RS-232 Control

## 7.1 RS-232 Control Software

- Installation: Copy the control software file to the control PC
- Uninstallation: Delete all the control software files in corresponding file path.

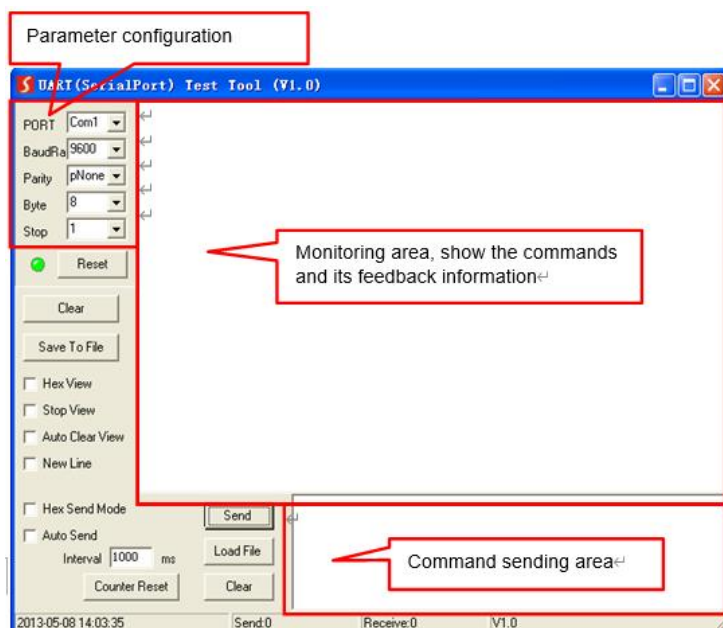
Basic Setting:

Connect the switcher kit with all input devices and output devices needed, then to connect it with a PC which is installed with RS-232 control software. Double-click the software icon to run this software.

Here takes the software CommWatch.exe as example:



The main view is shown as below:



Please set the parameters of COM number, bound rate, data bit, stop bit and the parity bit correctly, and then you are able to send command in command sending area. For related parameters, please refer to 7.2 RS-232 Command.

### 7.2 RS-232 Command

- Baud rate: 57600 (default)
- Data bit: 8
- Stop bit: 1
- Parity bit: NONE
- Command terminator: <CR><LF>
- Error command feedback code: <Command Error  
<Out of Range

**Note:**

1. Commands are not case sensitive and can automatically identify mixed case commands;
2. The "0" in front of the valid value can be ignored, for example: 01 and 1 inputs are both normal variable values;
3. The space between the command and the variable can be ignored, for example: >SetVideo01 and >SetVideo 01 commands can be sent effectively.

#### 7.2.1 Get the Device Information

| Command | Function            | Example & Feedback                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| >?/Help | Query device status | >?<br>or<br>>Help                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         |                     | Some of the feedback is as follows:<br><MP-4PC<br><V1.0.0a<br><System Information Commands<br>>?/Help<br>Print Help Information<br>>GetStatus<br>Print System Status And Port Status<br>>GetOutletStatus xx<br>Print Outlet xx On/Off<br>>GetElesa<br>Print All Outputs Electricity Level Information<br>>GetFwVersion<br>Print FW Version And GUI Version<br><System Control Commands<br>>SetDeviceName:xx<br>Device Name: xx<br>>SetPower On/Off<br>Set System Power On/Off<br>>FactoryReset<br>FactoryReset<br>>Reboot<br>Set System Reboot And Apply New Config!!!<br>... |
|         |                     | >GetStatus<br>Some of the feedback is as follows:<br><MP-4PC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|                  |                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| >GetStatus       | Query device status                                                                                                                                           | <V1.0.0a<br><GetPowerStatus On<br><GetTCP/IPEnable 1<br><GetRS232Baud 57600<br><GetSystemCurrentThreshold 10.9A<br><GetSystemVoltageThreshold 250V<br><Outlet 1 Off<br><Outlet 2 Off<br><Outlet 3 Off<br><Outlet 4 Off<br><GetGroundStatus Properly Grounded<br><GetOutletMode 1 Idle<br><GetOutletMode 2 Idle<br><GetOutletMode 3 Idle<br><GetOutletMode 4 Idle<br><GetOutletPowerOnTime 1 2s<br><GetOutletPowerOnTime 2 3s<br><GetOutletPowerOnTime 3 4s<br><GetOutletPowerOnTime 4 5s<br><GetOutletPowerOffTime 1 2s<br><GetOutletPowerOffTime 2 3s<br><GetOutletPowerOffTime 3 4s<br><GetOutletPowerOffTime 4 5s<br><GetOutletEleResetTime 1 10s<br><GetOutletEleResetTime 2 10s<br><GetOutletEleResetTime 3 10s<br><GetOutletEleResetTime 4 10s<br>... |
| >GetOutletStatus | Query single-channel power information<br>>GetOutletStatus [Param1]<br>Param1 = 0-4<br>0: All Outlets<br>1: Outlet1<br>2: Outlet2<br>3: Outlet3<br>4: Outlet4 | >GetOutletStatus 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                  |                                                                                                                                                               | <Outlet 1 On                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| >GetElesta       | Query the device power level                                                                                                                                  | >GetElesta<br><MP-4PC<br><V1.0.0a<br><Total Current 10.121A<br><Total Power 2255.729W<br><Total Energy Consumed 0.025465kWh<br><Voltage 222.880V<br><Frequency 50.00Hz<br><Power Factor 0.99<br><GetOutletVoltage 1 222.880V<br><GetOutletVoltage 2 222.880V<br><GetOutletVoltage 3 222.880V<br><GetOutletVoltage 4 222.880V<br><GetOutletCurrent 1 4.202A<br><GetOutletCurrent 2 5.918A<br><GetOutletCurrent 3 0.000A<br><GetOutletCurrent 4 0.000A                                                                                                                                                                                                                                                                                                        |

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|                    |                              |                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    |                              | <GetOutletPower 1 936.620W<br><GetOutletPower 2 1319.129W<br><GetOutletPower 3 0.000W<br><GetOutletPower 4 0.000W<br><GetOutletConsumed 1 0.011539kWh<br><GetOutletConsumed 2 0.014438kWh<br><GetOutletConsumed 3 0.000000kWh<br><GetOutletConsumed 4 0.000000kWh<br><GetOutletPowerFactor 1 0.99<br><GetOutletPowerFactor 2 0.99<br><GetOutletPowerFactor 3 0.00<br><GetOutletPowerFactor 4 0.00 |
| >GetFwVersion      | Query version information    | >GetFwVersion<br><GetFW Version: V1.0.0a<br><GetGUI Version: V1.0.0a                                                                                                                                                                                                                                                                                                                              |
| >GetSysTime        | Query system time            | >GetSysTime<br><GetSystemTime: 2025-06-20 12:47:16 Thu                                                                                                                                                                                                                                                                                                                                            |
| >GetNetTcp/Ip List | Query the current network IP | >GetNetTcp/Ip List<br><List Current TCP/IP Address                                                                                                                                                                                                                                                                                                                                                |

### 7.2.2 Setting the Device

| Command              | Function                                                                                                                                        | Example & Feedback                                                                                                                               |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| >SetDeviceName       | Set device name<br>>SetDeviceName:[Param1]<br>XX = the device name to be sent (up to 14 characters)                                             | >SetDeviceName:MP-4PC                                                                                                                            |
|                      |                                                                                                                                                 | <Device Name: MP-4PC                                                                                                                             |
| >SetPower            | Enter/Exit Standby Mode<br>>SetPower [Param1]<br>Param1 = On,Off<br>On - Power on<br>Off - Power off                                            | >SetPower On<br>>SetPower Off<br><System Power Off<br><System Power On, Please Wait A Moment...<br>Done                                          |
|                      |                                                                                                                                                 | >SetVoltageThreshold 264                                                                                                                         |
| >SetVoltageThreshold | Set the system voltage threshold<br>>SetVoltageThreshold [Param1]<br>Param1 =198-264                                                            | <System Voltage Threshold 264V                                                                                                                   |
|                      |                                                                                                                                                 | >SetSafeMode 0                                                                                                                                   |
| >SetSafeMode         | Set the system safety mode when overloaded<br>>SetSafeMode [Param1]<br>Param1 = 0-2<br>0: Outlet_Shutdown<br>1: System_Shutdown<br>2:Auto_Retry | >SetSafeMode 1<br>>SetSafeMode 2<br><System Safe Mode : Outlet_Shutdown<br><System Safe Mode : System_Shutdown<br><System Safe Mode : Auto_Retry |
|                      |                                                                                                                                                 | >SetOverloadRetryCnt 1                                                                                                                           |
| >SetOverloadRetryCnt | Set the number of restarts when overloaded<br>>SetOverloadRetryCnt [Param1]<br>Param1 = 1-3                                                     | >SetOverloadRetryCnt 2<br>>SetOverloadRetryCnt 3<br><System Retry Number 1<br><System Retry Number 2<br><System Retry Number 3                   |
|                      |                                                                                                                                                 |                                                                                                                                                  |

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|                       |                                                                                                                                                                                                                                                                                                      |                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
|                       | 1(Default)                                                                                                                                                                                                                                                                                           |                                                                              |
| >SetOverloadRetryTime | Set the restart time when overload occurs, in minutes<br>>SetOverloadRetryTime [Param1]<br>Param1 = 1-10<br>3 (Default)                                                                                                                                                                              | >SetOverloadRetryTime 1                                                      |
|                       |                                                                                                                                                                                                                                                                                                      | <System Retry Delay Time 1mins                                               |
| >SetStandbyMode       | Set system standby mode<br>>StandbyMode [Param1]<br>Param1 = 0-1<br>0: All_Standby_Mode<br>1: Sleep_Mode                                                                                                                                                                                             | >SetStandbyMode 0<br>>SetStandbyMode 1                                       |
|                       |                                                                                                                                                                                                                                                                                                      | <System Standby Mode : All_Standby_Mode<br><System Standby Mode : Sleep_Mode |
| >SetRs232Baud         | Set RS232 baud rate<br>>SetRs232Baud [Param1]<br>Param1 = 1-7<br>1: 2400<br>2: 4800<br>3: 9600<br>4: 19200<br>5: 38400<br>6: 57600 (Default)<br>7: 115200                                                                                                                                            | >SetRs232Baud 6                                                              |
|                       |                                                                                                                                                                                                                                                                                                      | <RS232Baud 57600                                                             |
| >SetRs232Out          | RS232 transparent transmission<br>>SetRs232Out [Param1][Param2][Param3][Param4]<br>Param1 = a,h<br>a: ASCII<br>h: HEX<br>Param2 = 1-7<br>1: 2400<br>2: 4800<br>3: 9600<br>4: 19200<br>5: 38400<br>6: 57600(Default),<br>7: 115200<br>Param1 = 1-3<br>1: None<br>2: Even<br>3: Odd<br>Param4 = string | >SETR232OUT a:6:1:RS232                                                      |
|                       |                                                                                                                                                                                                                                                                                                      | RS232                                                                        |
| >SetBeeperTime        | Set the buzzer response time when alarm occurs, in seconds<br>>SetBeeperTime [Param1]<br>Param1 = 0: 9999<br>10 (Default)                                                                                                                                                                            | >SetBeeperTime 10                                                            |
|                       |                                                                                                                                                                                                                                                                                                      | <Buzzer Sound Time 10s                                                       |

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|                        |                                                                                                                                                                                                         |                                              |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| >SetOutletTime         | Set the delay time of the channel opening action, in seconds<br>>SetOutletOnTime [Param1][Param2]<br>Param1 = 1-4<br>1: Outlet1<br>2: Outlet2<br>3: Outlet3<br>4: Outlet4<br>Param2 = 2-9999            | >SetOutletOnTime 1:2                         |
|                        |                                                                                                                                                                                                         | <Outlet 1 Power_On Delay 2s                  |
|                        | Set the delay time of the channel closing action, in seconds<br>>SetOutletOffTime [Param1][Param2]<br>Param1 = 1-4<br>1: Outlet1<br>2: Outlet2<br>3: Outlet3<br>4: Outlet4<br>Param2 = 0-9999           | >SetOutletOffTime 1:1                        |
|                        |                                                                                                                                                                                                         | <Outlet 1 Power_Off Delay 1s                 |
| >SetOutletEleResetTime | Set the channel power reset delay time, in seconds<br>>SetOutletEleResetTime [Param1][Param2]<br>Param1 = 1-4<br>1: Outlet1<br>2: Outlet2<br>3: Outlet3<br>4: Outlet4<br>Param2 = 0-9999<br>10(Default) | >SetOutletEleResetTime 1:10                  |
|                        |                                                                                                                                                                                                         | <Outlet 1 Electrical Work Reset Duration 10s |
| >SetAllOut             | Set the switch status of all channels<br>>SetAllOut [Param1]<br>Param1 = On,Off                                                                                                                         | >SetAllOut On<br>>SetAllOut Off              |
|                        |                                                                                                                                                                                                         | <All Outlets On<br><All Outlets Off          |
| >SetOutlet             | Set the single channel switch status<br>>SetOutlet [Param1][Param2]<br>Param1 = 1-4<br>1: Outlet1<br>2: Outlet2<br>3: Outlet3<br>4: Outlet4<br>Param2 = On,Off                                          | >SetOutlet 1 On                              |
|                        |                                                                                                                                                                                                         | <Outlet 1 On                                 |
| >SetSysTime            | Set system time<br>>SetSysTime [Param1]<br>param1 = year-month-day;hour-mi<br>nutes-seconds                                                                                                             | >SetSysTime 2025-03-18;11-26-59              |
|                        |                                                                                                                                                                                                         | <SetSystemTime: 2025-03-18 11:26:59          |

#### 4 Ports Power Controller

|                     |                                                                                               |                                                 |
|---------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------|
| >SetNetTcp/IpEnable | Set TCP/IP enable<br>>SetNetTcp/IpEnable [Param1]<br>Param1 = 1-2<br>1: TCP/IP1<br>2: TCP/IP2 | >SetNetTcp/IpEnable 1<br>>SetNetTcp/IpEnable 2  |
|                     |                                                                                               | <TCP/IP1 Enable<br><TCP/IP2 Enable              |
| >SetNetTcp/Ip1Dhcp  | Set TCP/IP1 DHCP status<br>>SetNetTcp/Ip1Dhcp [Param1]<br>Param1 = On,Off                     | >SetNetTcp/Ip1Dhcp On<br>>SetNetTcp/Ip1Dhcp Off |
|                     |                                                                                               | <TCP/IP1 DHCP On<br><TCP/IP1 DHCP Off           |
| >SetNetTcp/Ip1Ip    | Set TCP/IP1 IP address<br>>SetNetTcp/Ip1Ip [Param1]<br>Param1 = XXX.XXX.XXX.XXX               | >SetNetTcp/Ip1Ip 192.168.000.001                |
|                     |                                                                                               | <TCP/IP1 IP Address 192.168.000.001             |
| >SetNetTcp/Ip1Gw    | Set TCP/IP1 Gateway address<br>>SetNetTcp/Ip1Gw [Param1]<br>Param1 = XXX.XXX.XXX.XXX          | >SetNetTcp/Ip1Gw 192.168.000.254                |
|                     |                                                                                               | <TCP/IP1 Gateway Address 192.168.000.254        |
| >SetNetTcp/Ip1Sm    | Set TCP/IP1 Subnet Mask address<br>>SetNetTcp/Ip1Sm [Param1]<br>Param1 = XXX.XXX.XXX.XXX      | >SetNetTcp/Ip1Sm 192.168.000.254                |
|                     |                                                                                               | <TCP/IP1 Subnet Mask 192.168.000.254            |
| >SetNetTcp/Ip2Dhcp  | Set TCP/IP2 DHCP status<br>>SetNetTcp/Ip2Dhcp [Param1]<br>Param1 = On,Off                     | >SetNetTcp/Ip2Dhcp On<br>>SetNetTcp/Ip2Dhcp Off |
|                     |                                                                                               | <TCP/IP2 DHCP On<br><TCP/IP2 DHCP Off           |
| >SetNetTcp/Ip2Ip    | Set TCP/IP2 IP address<br>>SetNetTcp/Ip2Ip [Param1]<br>Param1 = XXX.XXX.XXX.XXX               | >SetNetTcp/Ip2Ip 192.168.000.001                |
|                     |                                                                                               | <TCP/IP2 IP Address 192.168.000.001             |
| >SetNetTcp/Ip2Gw    | Set TCP/IP2 Gateway address<br>>SetNetTcp/Ip2Gw [Param1]<br>Param1 = XXX.XXX.XXX.XXX          | >SetNetTcp/Ip2Gw 192.168.000.254                |
|                     |                                                                                               | <TCP/IP2 Gateway Address 192.168.000.254        |
| >SetNetTcp/Ip2Sm    | Set TCP/IP2 Subnet Mask address<br>>SetNetTcp/Ip2Sm [Param1]<br>[Param1]                      | >SetNetTcp/Ip2Sm 192.168.000.254                |
|                     |                                                                                               | <TCP/IP2 Subnet Mask 192.168.000.254            |
| >SetNetMdns         | Set mDNS status<br>>SetNetMdns [Param1]<br>Param1 = On,Off                                    | >SetNetMdns On<br>>SetNetMdns Off               |
|                     |                                                                                               | <mDNS On<br><mDNS Off                           |

#### 4 Ports Power Controller

|                              |                                                                                                                                                           |                                                                                                                                                                                                                                                                                            |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| >SetNetRb                    | Restart IP service                                                                                                                                        | >SetNetRb<br><Network Reboot And Apply New Config                                                                                                                                                                                                                                          |
| >SetNetTcp/Ipv61P<br>rotocol | Set TCP/IPv61 Protocol<br>status<br>>SetNetTcp/Ipv61Protoc<br>ol [Param1]<br>Param1 = On,Off                                                              | >SetNetTcp/Ipv61Protocol On<br>>SetNetTcp/Ipv61Protocol Off<br><br><TCP/IPv6 1 Protocol On<br><TCP/IPv6 1 Protocol Off                                                                                                                                                                     |
| >SetNetTcp/Ipv61D<br>hcp     | Set TCP/IPv61 DHCP<br>status<br>>SetNetTcp/Ipv61Dhcp<br>[Param1]<br>Param1 = On,Off                                                                       | >SetNetTcp/Ipv61Dhcp On<br>>SetNetTcp/Ipv61Dhcp Off<br><br><TCP/IPv6 1 DHCP On<br><TCP/IPv6 1 DHCP Off                                                                                                                                                                                     |
| >SetNetTcp/Ipv61I<br>p       | Set TCP/IPv61 IP<br>address<br>>SetNetTcp/Ipv61Ip<br>[Param1]<br>Param1 =<br>XXXX:XXXX:XXXX:XXX<br>X:XXXX:XXXX:XXXX:X<br>XXX                              | >SetNetTcp/Ipv61Ip<br>fe80:0000:0000:0000:0440:44ff:1233:5678<br><br><TCP/IPv61 IP Address<br>fe80:0000:0000:0000:0440:44ff:1233:5678                                                                                                                                                      |
| >SetNetTcp/Ipv61G<br>w       | Set TCP/IPv61 Gateway<br>address<br>>SetNetTcp/Ipv61Gw<br>[Param1][Param2]<br>Param1 = 1-2<br>Param2 =<br>XXXX:XXXX:XXXX:XXX<br>X:XXXX:XXXX:XXXX:X<br>XXX | >SetNetTcp/Ipv61Gw 1<br>fe80:0000:0000:0000:0440:44ff:1233:0001<br>>SetNetTcp/Ipv61Gw 2<br>fe80:0000:0000:0000:0440:44ff:1233:0001<br><br><TCP/IPv61 Gateway Address1<br>fe80:0000:0000:0000:0440:44ff:1233:0001<br><TCP/IPv61 Gateway Address2<br>fe80:0000:0000:0000:0440:44ff:1233:0002 |
| >SetNetTcp/Ipv62P<br>rotocol | Set TCP/IPv62 Protocol<br>status<br>>SetNetTcp/Ipv62Protoc<br>ol [Param1]<br>Param1 = On,Off                                                              | >SetNetTcp/Ipv62Protocol On<br>>SetNetTcp/Ipv62Protocol Off<br><br><TCP/IPv6 2 Protocol On<br><TCP/IPv6 2 Protocol Off                                                                                                                                                                     |
| >SetNetTcp/Ipv62D<br>hcp     | Set TCP/IPv62 DHCP<br>status<br>>SetNetTcp/Ipv62Dhcp<br>[Param1]<br>Param1 = On,Off                                                                       | >SetNetTcp/Ipv62Dhcp On<br>>SetNetTcp/Ipv62Dhcp Off<br><br><TCP/IPv6 2 DHCP On<br><TCP/IPv6 2 DHCP Off                                                                                                                                                                                     |
| >SetNetTcp/Ipv62I<br>p       | Set TCP/IPv62 IP<br>address<br>>SetNetTcp/Ipv62Ip<br>[Param1]<br>Param1 =<br>XXXX:XXXX:XXXX:XXX<br>X:XXXX:XXXX:XXXX:X<br>XXX                              | >SetNetTcp/Ipv62Ip<br>fe80:0000:0000:0000:0440:44ff:1233:5679<br><br><TCP/IPv62 IP Address<br>fe80:0000:0000:0000:0440:44ff:1233:5679                                                                                                                                                      |

## 4 Ports Power Controller

|                   |                                                                                                                                                   |                                                                                                                                                |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| >SetNetTcp/Ipv6Gw | Set TCP/IPv6 Gateway address<br>>SetNetTcp/Ipv6Gw [Param1][Param2]<br>Param1 = 1-2<br>Param2 =<br>XXXX:XXXX:XXXX:XXX<br>X:XXXX:XXXX:XXXX:X<br>XXX | >SetNetTcp/Ipv6Gw 1<br>fe80:0000:0000:0000:0440:44ff:1233:0001<br>>SetNetTcp/Ipv6Gw 2<br>fe80:0000:0000:0000:0440:44ff:1233:0002               |
|                   |                                                                                                                                                   | <TCP/IPv6 Gateway Address1<br>fe80:0000:0000:0000:0440:44ff:1233:0001<br><TCP/IPv6 Gateway Address2<br>fe80:0000:0000:0000:0440:44ff:1233:0002 |

### 7.2.3 Restore the Device

| Command       | Function                                                                                                                       | Example & Feedback                                     |
|---------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| >RsAllOutEle  | Reset all channel power values                                                                                                 | >RsAllOutEle<br><Clean Up Electrical Work: All Outlets |
| >RsOutEle     | Reset single channel power value<br>>RsOutEle [Param1]<br>Param1 = 1-4<br>1: Outlet1<br>2: Outlet2<br>3: Outlet3<br>4: Outlet4 | >RsOutEle 1                                            |
|               |                                                                                                                                | <Clean Up Electrical Work: Outlet 1                    |
| >FactoryReset | Restore factory settings                                                                                                       | >FactoryReset<br><FactoryReset                         |
| >Reboot       | MCU restart                                                                                                                    | >Reboot<br><Reboot                                     |
| >Resta        | MCU restart                                                                                                                    | >Resta<br><System Restart                              |

### 8. Customer Service

The return of a product to our Customer Service implies the full agreement of the terms and conditions hereinafter. These terms and conditions may be changed without prior notice.

#### 1) Warranty

The limited warranty period of the product is fixed three years.

#### 2) Scope

These terms and conditions of Customer Service apply to the customer service provided for the products or any other items sold by authorized distributor only.

#### 3) Warranty Exclusions:

- Warranty expiration.
- Factory applied serial number has been altered or removed from the product.
- Damage, deterioration or malfunction caused by:
  - ✧ Normal wear and tear.
  - ✧ Use of supplies or parts not meeting our specifications.
  - ✧ No certificate or invoice as the proof of warranty.
  - ✧ The product model showed on the warranty card does not match with the model of the product for repairing or had been altered.
  - ✧ Damage caused by force majeure.
  - ✧ Servicing not authorized by distributor.
  - ✧ Any other causes which do not relate to a product defect.

#### 4) Documentation:

Customer Service will accept defective product(s) in the scope of warranty coverage at the sole condition that the defeat has been clearly defined, and upon reception of the documents or copy of invoice, indicating the date of purchase, the type of product, the serial number, and the name of distributor.

**Note:** For further assistance or solutions, please contact your local distributor.