SMS Control Command Reference

Nov 2026

Version 1.9

Changelog

Version	Changes
1.7	Added SMS control support for BYO eSIM settings, including APN, username, and password
1.8	Support model *-GLTE-S
1.9	Support model *-GK , *-GP

Summary

SMS Control allows the user to control the device using SMS even if the modem does not have a data connection.

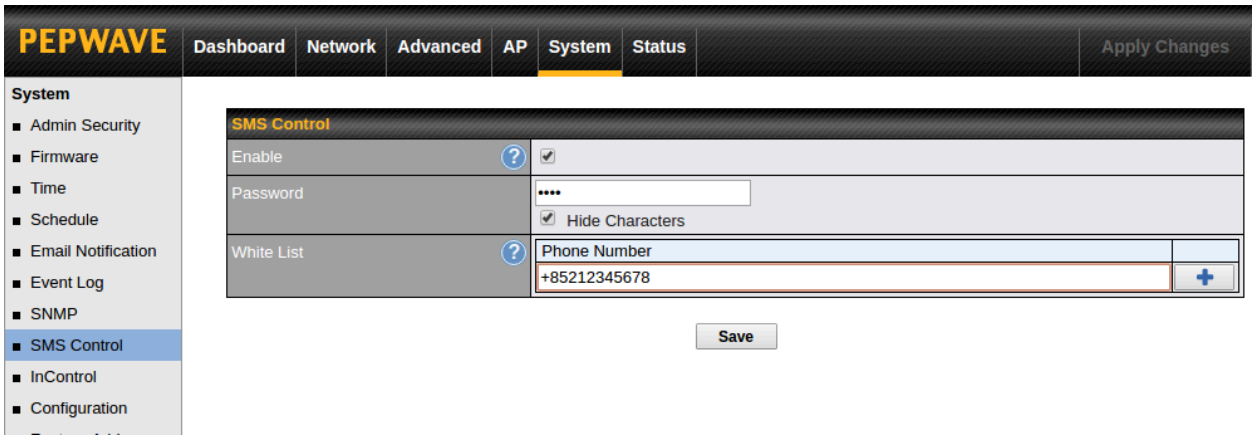
Supported Models

- **Balance/MAX**
  *-LTE-E
  *-LTE-EJ
  *-LTE-MX
  *-LTEA-B
  *-LTEA-P
  *-LTEA-Q
  *-LTEA-R
  *-LTEA-US
  *-LTEA-W
  *-5GD
  *-5GH
  *-5GK
  *-5GN
  *-5GP
  *-GLTE-S
- **EPX**
  -LP
  -LW

Please be aware of the following items before you activate this service:

1. Make sure that your mobile service plan supports SMS functionality.
2. Depending on your mobile service plan, using SMS may incur additional charges from your service provider.
3. SMS is not a guaranteed delivery protocol.
4. SMS is not an encrypted protocol.
5. The sending and receiving of SMS messages can experience highly variable response times and can sometimes have extended delays.

Configuration



To set up SMS Control, go to System → SMS Control.

1. Click the “Enable” checkbox to enable the service.
2. Set the password - up to a maximum of 32 characters, that may not include semicolons (;).
3. You can optionally add phone number(s) to the whitelist. Only matching phone numbers are allowed to issue SMS commands. Phone numbers must be in the E.164 International Phone Numbers format.
4. Click the “Save” button and the “Apply Changes” to save the changes and to activate the service.

Command Overview

SMS Command	Description
help	Retrieves the list of supported commands.
reboot	Reboots the device.
cellreset	Reboots the cellular module.
apn	Set the APN for a particular cellular and SIM slot.
userpass	Set the carrier's username and password.
gpio_output	Control the digital output of the GPIO.
factory_restore	Factory restore the device.

Command Details

Basic syntax is <password>;<command>;[Parameter1;][Parameter2;]...
The semicolon (;) is used as a delimiter to separate each argument.

Common parameters:

Parameter	Description
<password>	Password for authentication. Must match with the password defined on the SMS Control page.
<cellX>	Cellular slot number. X is an integer greater than zero.
<sim slot>	SIM slot. sima / simb / byoesima / byoesimb representing SIM A, SIM B, BYO eSIM A or BYO eSIM B respectively (not case sensitive).

Command: help
Syntax: <password>;help;
Description: The sender will retrieve the list of SMS Control commands
Sample usage: 1234;help;
Sample SMS reply:

```
Syntax:
<password>;<cmd>;[arg1;][arg2;]...
Supported Commands:
reboot
…
```

Command: reboot
Syntax: <password>;reboot;
Description: Reboots the device
Sample usage: 1234;reboot;
Sample SMS reply:

Device reboot command received.

Command: cellreset
Syntax: <password>;cellreset;<cellX>;
Description: Resets the particular cellular
Sample usage: 1234;cellreset;cell1;
Sample SMS reply:

Cellular 1 reset command received.

Command: apn
Syntax: <password>;apn;<apn>;<cellX>;<sim slot>;
Description: Sets the APN for a particular cellular and SIM slot
SIM Slot: sima / simb / byoesima / byoesimb
Sample usage: 1234;apn;public;cell2;simb;
Sample SMS reply:

Cellular 2 SIM B, APN update command received.

Command: userpass
Syntax: <password>;userpass;<username>;<password>;<cellX>;<sim slot>;
Description: Sets the carrier's username and password
SIM slot: sima / simb / byoesima / byoesimb
Sample usage: 1234;userpass;hello;pwd;cell1;byoesima;
Sample SMS reply:

Cellular 1 BYO eSIM A, username password update command received.

Command: gpio_output
Syntax: <password>;gpio_output;2;<mode>;
Description: Controls the digital output of the GPIO
Mode: toggle_high / toggle_low / wan_status
Sample usage:

1234;gpio_output;2;toggle_high;
1234;gpio_output;2;toggle_low;
1234;gpio_output;2;wan_status;

Sample SMS reply:

GPIO output command received.

Notes:
*This feature requires the model with GPIO digital output support

Command: factory_restore
Syntax: <password>;factory_restore;
Description: Factory restore the device
Sample usage: 1234;factory_restore;
Sample SMS reply:

Device factory restore command received.

Notes:
*User MUST be aware that the SMS Control option will be disabled (back to default factory settings) after this command execution.

Error Handling

The following messages are returned for the following errors:

Error	Description
Invalid Arguments	The received SMS command cannot be parsed or the arguments are incorrect.
Invalid Parameters	The input parameter such as the cellular or the SIM slot is invalid.
Unsupported Command	The command is not valid.