

IRPS1363



GSM POWER SOCKET

Thank You for purchasing the IRPS1363.

The IRPS1363 GSM power socket is a remote controlled socket using a Pay as you Go contract SIM. The power supply output of the socket can be turned on or off remotely by the SMS (Short Message System) command or local controlled by its function buttons. It is an intelligent power supply socket that can be controlled anytime and anywhere by users' mobile phone.

IRPS1363 is designed for any electrical appliance for business or domestic use up to 16amp output with a power consumption of up to 3Kw. It can be used for any type of device and IEC13 conversion cables for PCs and Servers are available.

When used with the removable temperature sensor IRPS1363 can switch power on or off according to the environment temperature. It is suitable for power control of heating or refrigeration equipment by keeping the environmental temperature within a preset range or fixed temperature value.

All services and functions need to be supported by the GSM network and a SIM card.

The instruction manual provides both a quick start set up and then a more advanced operation when the user wishes to programme the socket via temperature or time/date.

Category	Function	Command
Training control	Enable timing switch on the output	(17) #128#1#
	Set time period t switch on the output	(18) #129#WorkDay#StartTime#EndTime#
	Disable timing switch on the output	(19) #128#0#
Temperature control	Enable auto-command the output by temperature	(20) #159#1#
	Set temperature range to switch on/off the output	(21) #159#Mode#LowTemp#HighTemp#
	Disable auto-control the output by temperature	(22) #159#0#
Output changing SMS	SMS notification upon the socket output changing (Default)	(23) #11#1#
	No SMS notification upon the socket output changing	(24) #11#0#
Check Status	Check socket operating status	(25) #07#
	Check socket output status	(26) #000#
	Check "Delayed switch on/off the socket" parameters	(27) #138#
	Check "Timed switch on the socket" parameters	(29) #159#
Reset to factory settings	Reset the socket	(30) #08#

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Category	Function	Command
Time	Regulate the socket time	(1) #152#SIMCardNumber#
Define the users	Add a Master number to the socket	(2) #00#
	Change the Master user's number	(3) #14#NewMasterNumber#
	Add a Additional number	(4) #06#Additional Number#
	Add several Additional numbers	(5) #06#Additional Number1#...#Additional Number4#
	Delete a Additional number	(6) #113#Additional Number#
	Delete several Additional numbers simultaneously	(7) #113#Additional Number1#...#Additional Number4#
	Delete all Additional numbers	(8) #113#
	Switching on/off output manually	Master user switches on the socket output manually
Master user cuts off the socket output manually		(10) #02#
Additional user switches on the socket output manually		(11) #01#Password#
Additional user cuts off the socket output manually		(12) #02#Password#
Enable switching on/off the output by calling		(13) #18#1#
Disable switching on/off the output by calling (Default)		(14) #18#0#
Delay control	Delay switching on the output after a certain minutes	(15) #138#1#Minutes#
	Delay switching off the output after a certain minutes	(16) #138#0#Minutes#

Input power socket	110-250V/50HZ
Output power socket relay	Max 16A
Operating temperature	-10°C ~ +50°C
Store temperature	-20°C ~ +60°C
Relative humidity	10-90% without condensation
Communication protocols	GSM PHASE 2/2+ (including data Operation)
Data interface	GSM SIM 1.8V/3.0V socket
External temperature sensor	-10°C ~ +50°C
GSM working band	EGSM900,DCS1800

INFORMATION



1. Purchase a GSM SIM card (mobile phone card) from GSM network provider and install it in the socket. This SIM card number is referred as IRPS1363 number on this brochure.
2. The user needs to activate the PAYG SIM with credit and then the IRPS1363 is ready to programme. We recommend before choosing your network provider you check their signal strength where the socket is to be located.
3. Be sure to keep the Password and mobile number safe and we recommend you change the preset password of 1234. Do not disclose this information to anyone other than the authorized users in order to ensure no misuse.

NB: Although we recommend PAYG SIMS for easy access and set up of the IRPS1363, contract SIMS can also be used but as we are only sending SMS messages as PAYG SIM is very cost effective.

SAFETY RECOMMENDATIONS

1. This socket was designed for business or domestic use for any appliance not exceeding 16amps or 3Kw output.
2. Before using this socket, check if mobile phones can be used in the area.
3. This socket was designed for indoor use. Do not use it in wet, chemically aggressive or dusty environment.
4. Do not open the case other than to put the SIM card in and if faulty return to IRPS1363 Limited.
5. This socket is a wireless signal transmission socket. Keep it away from electronic equipment likely to interfere with the wireless signals, in order to avoid signals interference.
6. Keep the socket and its accessories out of the children reach.
7. Should the IRPS1363 not function as detailed in this instruction book, please contact your supplier for technical support or a replacement product under warranty.

No	General Trouble	Possible Reason	Solution
1	Power indicator light turns off	No power input	Check IRPS 1363 external AC power is available.
2	GSM indicator light turns off	Can't find or identify the SIM card. The power switch is OFF.	SIM card not installed properly: Power off the socket and check it again. Power on the socket.
3	Socket output cannot be changed by M button	No power input. The power switch is OFF	Check IRPS1363 external AC power is available. Power on the socket.
4	All functions disable (indicator is working)	Called ID presentation do not active, insufficient fee of the SIM card.	Contact network provider to active SIM card function. Pay for the card.
5	Socket didn't respond to any operation	IRPS1363 wok abnormally	Switch off the power, check SIM card or reset factory setting.
6	After power on the socket, GSM indicator keeps flashing	Network signal weak or network busy.	If mobile phone's signal is weak too, place the socket at other place with strong signal and try again
		SIM card PIN code activates	Close PIN code
		SIM card invalid	Contact with local operator to check it
7	The Master number already exists	Other Master is already set in the socket	Change Master number or recover to factory default setting.
8	Invalid format. Please check and try again.	Invalid command	Refer to the user manual
9	No authorization user		Use the Master mobile phone to try the command again.



- Store and/or use the remote socket responsibly.
- To maintain the integrity of the IRPS1363 do not store or use in areas where there is very high humidity. Do not allow water or other liquids into the socket otherwise it might cause a malfunction.
- Do not store and use the socket in dusty environment.
- Do not use alcohol, acetone and other similar solvents to clean it. Wipe with a soft wet cloth.
- Do not attempt to programme it except as instructed. If the socket does not work normally, try to resolve it as the guide “general troubleshooting”, if the problem cannot be solved, contact your supplier immediately.

DISCLAIMER NOTICE

1. We operate on a policy of continuous development and therefore we reserve the right to make changes and improvements to any of the sockets described in this document without prior notice.
2. For the latest socket information, please ask your supplier
3. IRPS1363 Limited cannot be held responsible in any way should this product be used other than for the intended purpose.
4. We hold no responsibility for any loss of income or any special, incidental, consequential or indirect damages howsoever caused.
5. The contents of this document are provided as is. Except as required by applicable law, no warranties of any kind, either expressed or implied, including, but not limited to the accuracy, reliability or contents of this document. We reserve the right to revise this document or withdraw it at any time without prior notice.

Chapter 1

Features and accessories

- 1.1 Main Functions
- 1.2 Package contents
- 1.3 Sockets instructions
- 1.4 Temperature sensor instruction
- 1.5 Light indicator and “Beep” tone

If “No temperature sensor connected” be received, it means IRPS1363 cannot detect the temperature sensor. User needs to check if the temperature sensor is inserted to the I/O port.

Successful SMS reply.

IRPS1363 will reply SMS messages, depending on which status is currently set on.

3.8 Resetting the socket

Description

- This function resets all programmed settings to their original values, including cleaning all user number, timing parameter and temperature parameter.
- If the setting status is wrong or the malfunctions can't be corrected, users can restore the socket to its original status to make it work normally.

Note

This function needs to be used carefully as it also erases all setting values.

Method

Method 1: Press the side **M** button of the device for 5 seconds.

Method 2: The **Master** user sends following SMS message to IRPS1363 in order to:

Reset the socket #08# (30)

Successful SMS reply

Reset the socket to factory setting successfully.

A long “Beep” tone will be heard and it means resetting the socket successful.

3.7 Check status

Method

The **Master** user sends following SMS message in order to:

Check socket operating status: #07# (25)

After receiving the SMS commands, IRPS136 will reply one SMS message of socket status checking,

For example:

Date: 12.06. Time: 14.37. Master user ***** Additional user ***** Output has no power supply, TEMP: 25, Auto-controlled by sensor disable, mode0,Temp0-0, timing control disabled, schedule type Every day, period 00.00.00.00 delay control off.

Check socket output status: #000# (26)

After receiving the SMS commands, IRPS1363 will reply one SMS message of socket output status:

The socket power output is cut off (switch on).

Check “delayed switch on/off the socket” parameters: #138# (27)

After receiving the SMS commands, IRPS1363 will reply one SMS message of “Displayed switch on/off socket” parameters checking.

For example:

The socket output delay control is de-activated.

The socket power output is cut off now, will switch on after ** minutes.

Check “timed switch on the socket” parameters: #128# (28)

After receiving the SMS commands, IRPS1363 will reply one SMS message of “Timed switch on the socket” parameters.

For example:

Timing control the socket de-activated.

Timing control the socket activated: WorkDay, StartTime, EndTime.

Check “temperature control” of parameters: #159# (29)

After receiving the SMS commands, IRPS1363 will reply one SMS message of temperature parameters checking.

For example:

Auto-controlled by external temperature sensor is activated (de-activated).

1.1 Main Functions

- This socket uses a PAYG or contract GSM SIM card.
- Remotely operate by SMS command.
- Output Max: 16A.
- M button: To manual control output power on/off.
- Time delayed control of output power on/off.
- Auto operation by preset time/times/days.
- Supplied with plug in external temperature sensor.
- Automatic operation by preset upper/lower temperature thresholds.
- Receive environmental temperature reading via simple SMS command
- Supports 1 Master and 4 additional numbers/users
- Automatic time/date synchronisation.
- Receive via SMS message external power failure
- European versions available on request.

1.2 List of Contents

- 1 x IRPS 1363 GSM controlled power socket
- 1 x External temperature sensor
- 1 x User manual

