



# SONETONIX

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## RM-RL-6

RACK PDU



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### Features

- Sonetnix RM-RL-6 Relay module incorporates 6ch relays that can be connected to control controllable devices. The RELAY controller can be interfaced Using our Touch Keypads or interfaced with any 3rd part processor. Six channels of Relay controller can be used in rack equipment's switching, non-dimmable lighting control, screen control, Water fountain motor control (up to 0.5Hp motor), Gate/Shutter control and etc.
- Maximum of 10A load can be connected to each channel. As with other Sonetnix products, all S-NET commands are available to use and program the Device as per user needs thus extending its functionality Magnetic low-voltage. 2-wire dimmable fluorescent, and non-dimmable lighting loads up to 5 Amps per channel, 10 Amps total
- Third party automation modules or other Sonetnix modules are interfaced through RS-232 or High speed 2.4 GHz WI-Fi technology communication.

### Other Features

- 6 Channels RELAY Controller, standard type @10A per channel
- Six switched rear panel outlets
- Power switching
- Used in non-dimmable lighting control, screen control (up to 0.5Hp motor) and Rack power management etc.
- Built-in current sensing and energy monitoring
- Line voltage monitoring
- Restores channel status upon power reset
- LEDs on the modules indicate communication to a Sonetnix network, input power to the module, and output power to the load.
- Easy setup and operation via web browser
- Status indication LEDS for each channel
- Individual Buttons to control the individual channel

### Front Panel

Two Push button switches on the front panel provide three functionalities. One the (1) SETUP BUTTON SWITCH used to configure and set up the device. (A) WHEN DOUBLE TAP the SETUP BUTTON SWITCH it will change the device from wired to wireless mode and vice-versa.(B) WHEN LONG PRESS the SETUP BUTTON SWITCH for 5 sec it will erase all data stored in the device.(C) Single tap the setup button, user can read the ID or IP Address using LCD Display. The other one (2) RESET SWITCH used reset the device.

### COMMUNICATION

The RM-RL-6 communicates with a 3rd Party control system via the Wi-Fi & RS-232 control network.

## ELECTRICAL SPECIFICATION

Operating Voltage	: 240VAC,50/60H
Maximum Power Per Channel	: 2400 W
Max Load Current per Channel	: 10 A
Operating Temperature	: 0 - 45 °c
Module Total current	: 60 A
S-NET Power Usage	: 6 Watt (0.5A @12Volts)

## CONTROLS & INDICATIONS

PWR	: 1) Red LED illuminates when power is applied to the power port
COM	: (1) Yellow LED, indicates communication with the control processor
NW	: Bi-colour LED Red Indicates connection loses with router & Green indicates connection established.
CH1 - CH6	: (Red) Channel status indication LEDs
Setup, Reset	: Miniature push button switches to configure and reset the device manually
LCD Display	: (1) 1.5x 6.5cm display to monitor the Device ID or IP Address

## CONNECTIONS

CHANNELS (1-6)	: (6) Six switched rear panel outlets with SPST relay switch circuit @10A per channel.
RS-232	: (1) Phoenix connector for RS-232 communication