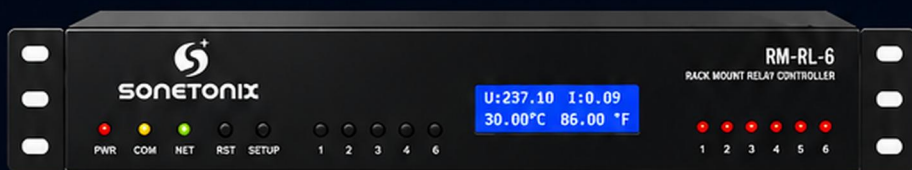


RM-RL-6

RACK PDU



- Sonetnix 6 Channel Rack PDU with relay switching for controlling various electrical loads. Each channel is rated at 10A, and the module can handle a total of 60A.
- Interfaced via RS-232 or High speed 2.4 GHz Wi-Fi technology for flexible integration with automation systems.
- Suitable for non-dimmable lighting, screen control, motors (up to 0.5Hp), rack power management and other compatible appliances.
- Designed for reliable performance, easy installation, and seamless integration with Sonetnix automation ecosystem.



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 & S-NET



Two Push button switches on the front panel provide three functionalities.

SETUP BUTTON SWITCH

- (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.

RESET SWITCH

Use to reset the device.

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

ELECTRICAL SPECIFICATIONS

Operating Voltage	: 240VAC, 50/60Hz
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 DC 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
- **RST, SETUP** : 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



MECHANICAL SPECIFICATION

Mounting	: 19" Rack Mount (1U)
Material	: Metal Rack Mount Housing
Dimension (In inches)	: 17.32 (W) X 1.75 (H) X 6.30 (D)
Weight	: 2.40 Kg

