

WI-LRY-16

DIN-Rail Low Voltage Relay

16 CHANNEL LOW VOLTAGE
RELAY MODULE



16 LOW VOLTAGE
RELAY CHANNELS



LOW VOLTAGE
TRIGGERING



DIN RAIL
MOUNTING



WI-FI
2.4GHz



FEATURES

- ✓ 16 Independent Relay Outputs
- ✓ Low-Voltage Triggering
- ✓ Up to 2A Load per Channel
- ✓ Individual ON/OFF Control
- ✓ Compact DIN-Rail Design
- ✓ Easy Integration with Automation Systems
- ✓ Low Power Consumption
- ✓ LED Status Indicators (if applicable)
- ✓ Reliable & Long-Life Relay Operation
- ✓ Ideal for Home & Building Automation

ELECTRICAL SPECIFICATION

Operating Voltage	: 240VAC, 50/60Hz
Maximum Power Per Channel	: 440 W
Max Load Current per Channel	: 2 A
Operating Temperature	: 0 - 45 °C
Module Total current	: 32 A
S-NET Power Usage	: 6 Watt (0.5A @12Volts)

CONNECTIONS

CHANNELS (1-16)	: (8) 2-pin 3.81 mm detachable terminal blocks with SPST relay switch circuit @10A per channel.
S-NET	: (2) 4-pin 3.81mm detachable terminal blocks for S-NET communication

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 - CH8	: (Blue) Channel status indication LEDs
● Setup, Reset	: Miniature push button switches to configure and reset the device manually
● Manual Switch (1-8)	: (8) Miniature push button switches to control the device manually
● OLED Display	: (1) 0.96 inch display to monitor the Device ID or IP Address

FRONT PANEL

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

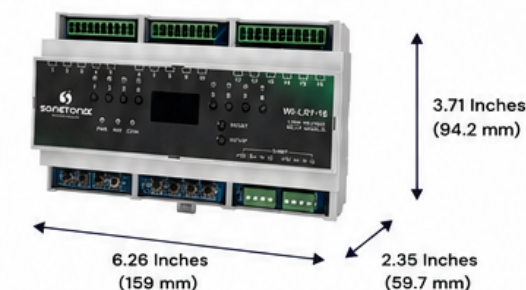
- A** WHEN DOUBLE TAP the SETUP BUTTON SWITCH it will change the device from wired to wireless mode and vice-versa.
- B** WHEN LONG PRESS the SETUP BUTTON SWITCH for 5 sec, it will erase all data stored in the device.
- C** Single tap the setup button, user can read the ID or IP Address using 0.96 inch OLED Display.

The other one (2) RESET SWITCH used reset the device.

S-NET

The WI-LRY-16 communicates with a 3rd Party control system via the S-NET control network. A pair of S-NET ports is provided on the WI-LRY-16 for easy daisy-chaining of several.

DIMENSIONS & WEIGHT



↑↓	Height	: 3.71 Inches (94.2 mm)
↔	Width	: 6.26 Inches (159 mm)
↔	Depth	: 2.35 Inches (59.7 mm)
⚖	Weight	: 369 Grams