

WI-FL-8

FLUORESCENT / LED DIMMER MODULE



- Sonetnix 0-10V Fluorescent/LED Dimmer offers a wide range of dimming levels for enhanced smooth dimming. The 0-10V Fluorescent/LED Dimmer can be interfaced using our Touch Keypads or interfaced with any 3rd party processor. Up to 2200W loads can be controlled from a Fluorescent/LED Dimmer with 10A current rating per 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.
- Third party automation modules or other Sonetnix modules are interfaced through RS-485 or High speed 2.4 GHz Wi-Fi technology communication.



8 CHANNEL
DIMMER & RELAY



0-10V DIMMABLE
BALLAST & LED



WI-FI &
RS-485



DIN RAIL
MOUNTING



HIGH
RELIABILITY

OTHER FEATURES

- ✓ 8 channels of Fluorescent/LED Dimmer, standard type @10A per channel
- ✓ 8 channels of relay controller for ballast cut-off or switching of other lighting loads such as incandescent, motors and exhaust fans
- ✓ Supports 0-10V dimmable fluorescent ballasts and LED drivers
- ✓ Rated 10Amps per channel, 80Amps total at 220-240 Volts AC
- ✓ 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.
- ✓ Low voltage control interface for each channel
- ✓ Status indication LEDs for each channel
- ✓ Easy installation with DIN rail mounting
- ✓ 0.96 inch OLED Display indicates the S-NET ID (default) or IP Address.
- ✓ Individual Buttons to control the individual channel

FRONT PANEL & S-NET



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

1 SETUP BUTTON SWITCH

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

2 RESET SWITCH

Use to reset the device.

The WI-FL-8 communicates with a 3rd Party control system via the S-NET control network. A pair of S-NET ports is provided on the WI-FL-8 for easy daisy-chaining of several DIN Rail Series automation control modules.

ELECTRICAL SPECIFICATIONS

Operating Voltage	: 240VAC, 50/60Hz
Maximum Power Per Channel	: 2200 W
Max Load Current per Channel	: 10 A
Operating Temperature	: 0 - 45 °C
Module Total current	: 80 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 - 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

CONNECTIONS

- CHANNELS (1-8)** : (8) 2-pin 7.62 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
- LV TRIGGERS (G, 1-8)** : (2) 5-pin 3.81mm detachable terminal block to provide low voltage trigger to each channel.
- OUTPUT (1 to 4, G & 5 to 8, G)** : (2) 5-pin 3.81mm detachable terminal blocks to provide 0-10V input to the Ballast

MECHANICAL SPECIFICATION

Mounting	: 6M wide DIN rail mounting
Material	: Light gray polycarbonate housing
Dimension (In inches)	: 3.71(H) X 4.18 (W) X 2.35 (D)
Weight	: 369 Grams

