

The WI-UD-4 is a 4-channel universal lighting control module designed to support dimming of both forward and reverse phase type loads.

A single model supports 220-240 Volt AC electronic and magnetic low-voltage, 2-wire dimmable fluorescent, and non-dimmable lighting loads up to 5 Amps per channel, 40 Amps total.

Increased energy efficiency with 0 – 100% dim levels.



FEATURES

- 4 Channels 2-wire dimmable fluorescent/Halogen, and AC Dimmable LED loads up to 3 Amps per channel
- Supports wide variety of lights type. One dimmer module to handle any combination of lighting types on four separately controlled circuits.
- Higher colour resolution & stable performance using Trilling & Leading technique.
- Smooth dimming to as low as 1% – 100% light intensity levels to create perfect atmosphere and ambience
- Cost saving solution with same LED light with various intensities and fade time
- 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
- 0.96 inch OLED Display indicates the S-NET ID (default) or IP Address.
- individual Buttons to control the individual channel.

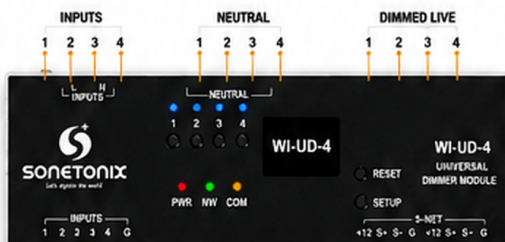


Third party automation modules or other Sonetnix modules are interfaced through RS-485 or High speed 2.4 GHz WI-FI technology communication.

FRONT PANEL

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

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



S-NET



The WI-UD-4 communicates with a 3rd Party control system via the S-NET control network. A pair of S-NET ports is provided on the WI-UD-4 for easy daisy-chaining of several DIN Rail Series automation control modules.

ELECTRICAL SPECIFICATION

	Operating Voltage	: 240VAC, 50/-60HZ
	Maximum Power Per Channel	: 720 W@240VAC
	Max Load Current per Channel	: 3A@240VAC, 50/60Hz
	Operating Temperature	: 0 - 45 °c
	Module Total current	: 12 A
	S-NET Power Usage	: 4.8 Watts (0.4A @12Volts)

CONNECTIONS

	LOAD (Dimmed Live to Neutral)	: (2) 4pin 7.62mm captive screw terminals to provide dimmed output to the Load @5A per channel
	INPUT VOLTAGE (Live & Neutral)	: (1) 2-pin 7.62mm captive screw terminals to provide AC input voltage to the dimmer module
	S-NET	: (2) 4-pin 3.81mm detachable terminal blocks for S-NET communication
	LV TRIGGERS (G, 1-8)	: (1) 5-pin 3.81mm detachable terminal block to provide low voltage trigger to each channel.

CONTROLS & INDICATIONS

	PWR	: (1) Red LED illuminates when DC power is applied to the power port		CH1 - CH4	: (Blue) Channel status indication LEDs
	COM	: (1) Yellow LED, indicates communication with the control processor		Setup, Reset	: Miniature push button switches to configure and reset the device manually
	NW	: Bi-colour LED Red indicates connection loses with router & Green indicates connection established.		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

MECHANICAL SPECIFICATION

Height	: 3.71 Inches.
Width	: 6.26 Inches.
Depth	: 2.35 Inches.
Weight	: 369 Grams.