

WI-IO-8

8 Channel Digital Input/Output Module



8 DIGITAL
INPUTS



8 DIGITAL
OUTPUTS



DIN RAIL
MOUNTING



Wi-Fi
2.4Ghz



S-NET
Communication



OLED
Display

FEATURES

- The WI-IO-8 is a Din rail Digital Input & Output 8-Channel module that provides Eight digital input dry contact and Eight dry contact closure outputs at 12VoltsDC @ 250mAmps. The Digital I/O contact closure interface with control systems to connect with equipment that has contact closure inputs and outputs Including: Occupancy, vacancy sensors, Card switches, Alarm systems & Switch interface.
- Operating voltage 12VDC @1Amps. Third party automation modules or other Sonetonix modules are interfaced through high speed 2.4Ghz Wi-Fi technology & S-NET communication.

ELECTRICAL SPECIFICATION

Operating Voltage	12VDC @1Amps
Digital Input Voltage	5V
Max Load Current per Channel	AC-10Amps(NO) / 3Amps(NC) DC- 5Amps(NO) / 3Amps(NC)
Operating Temperature	0 - 45 °C
S-NET Power Usage	4.08W (0.34A@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 (1-2)	●	(2) Miniature push button switches for changing device ID manually
OLED Display	●	(1) 0.96 inch display to monitor the Device ID or IP Address

CONNECTIONS

Digital Outputs (1-8)	(2) 10-pin mm detachable terminal blocks with SPST relay switch circuit @5A per channel. (1) 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
Digital Inputs (G, 1-8)	(2) 5-pin 3.81mm detachable terminal block to provide Digital inputs

OTHER FEATURES

- 8 channels to provide Digital interface
- 8 channels to provide Digital Output.
- Can sense contact closure signal from a door switch, motion sensor, keypad etc.
- Restores channel status upon power reset
- LEDs on the modules indicate communication to a Sonetonix network, input power to the module, and output power to the load.
- 0.96 inch OLED Display indicates the S-NET ID (default) or IP Address.
- Status indication LEDs for each channel
- Easy installation with DIN rail mounting

S-NET

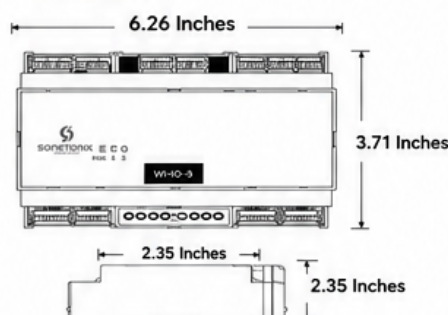
The WI-IO-8 communicates with a 3rd Party control system via the S-NET control network. A pair of S-NET ports is provided on the WI-IO-8 for easy daisy-chaining of several DIN Rail Series automation control modules.

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.

- 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.

DIMENSIONS & WEIGHT



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