



Type(s)
Project
Date
Notes

GENERAL INFORMATION

The Response Analog IO Gateway is the ultimate integration aid. With 12 analog inputs and 12 relay outputs, it has the power to integrate with a large selection of devices using industry-standard protocols including UDP, ACN, and sACN. In addition to third-party integration it speaks natively to Eos consoles, Unison Paradigm, and Unison Mosaic control systems. The Analog IO Gateway combines advanced lighting control capabilities of ETC systems with external AV and building management systems.

APPLICATIONS

- Houses of worship
- Hotels
- Convention centers
- Meeting rooms
- Museums
- Themed and interactive environments

FEATURES

- 12 analog inputs and 12 relay outputs
- Supports connections to Eos, Paradigm, and Mosaic systems
- Utilizes three different protocols: UDP, ACN, sACN
- Wet or dry inputs
- Normally open and normally closed relay outputs
- Pilot duty rating for relay outputs
- Configurable via Net3 Concert software
- DIN rail mounted for simple installation
- PoE or 24 V power input options

ORDERING INFORMATION

Product

MODEL	DESCRIPTION
RSN-IO-DIN	Response Analog IO Gateway

Gateway Accessories

MODEL	DESCRIPTION
PS-DIN24	24vDC DIN rail Gateway Power Supply

Mounting Accessories

MODEL	DESCRIPTION
DIN-RM	DIN rail Rack Mount Kit
DIN14	Small DIN rail Enclosure - Vertical
DIN14-H	Small DIN rail Enclosure - Horizontal
DIN28	Large DIN rail Enclosure

Related Products

MODEL	DESCRIPTION
RSN-DMX4-DIN	Response MK2 4-port Gateway - DIN rail
RSN-DALI	Response DALI Gateway
RSN-LV	Response 0-10V Gateway



SPECIFICATIONS

FUNCTIONAL

- Integrates with Eos, Paradigm, Mosaic and third party systems
- 12 analog inputs (contact closure or 0–10 V) capable of triggering:
 - ACN messages including contact state or analog control
 - User defined UDP messages on change from high to low, or low to high, of a 0–10 V input
 - sACN level controlled mapped from a 0–10 V input
- 12 low voltage relay outputs controlled by:
 - ACN messages
 - UDP messages
 - sACN levels
- Parameter configuration of each input and output via Net3 Concert software
- On board screen displays status of all inputs and outputs
- Supports connection of multiple gateways for integration network tunnelling without the need for an additional controller

MECHANICAL

- Intuitive four-button interface
- Onboard display for identification, status and configuration
- Molded plastic enclosure
- Network and power activity indicators
 - Blue power indicator
 - Green network activity indicator
- Female RJ45 for connection to lighting network
- Pluggable terminals provided for all wiring connections
- 9 unit DIN enclosure
- Mounting complies with DIN43880 (35/7.5 rail)

ELECTRICAL

- Compliant with IEEE 802.3i for 10BASE-T, 802.3u for 100BASE-TX
- Powered using 802.3af for Power over Ethernet
 - Optional 12–24 VDC power input for use with non-PoE systems

ANALOG INPUTS

- Two pluggable rising clamp screw terminal connectors with 6 analog inputs per terminal
 - Terminal connectors support in and common per input
 - Analog inputs can sense between 0–10 V (10 V, 100 mA per gateway utility supply provided)
 - Wet or dry contact closure per input

CONTACT OUTPUTS

- Three pluggable rising clamp screw terminal connectors with 4 relay outputs per terminal
 - Normally open "N.O.", normally closed "N.C.", and common "COM" connectors
 - Each output is rated for 0.5 A @ 30 VDC/VAC
- Pilot duty rated
- Single-pole double-throw relays

THERMAL

- Ambient temperature: 0°–40° C (32°–104° F)
- Ambient humidity: 5–95% non-condensing

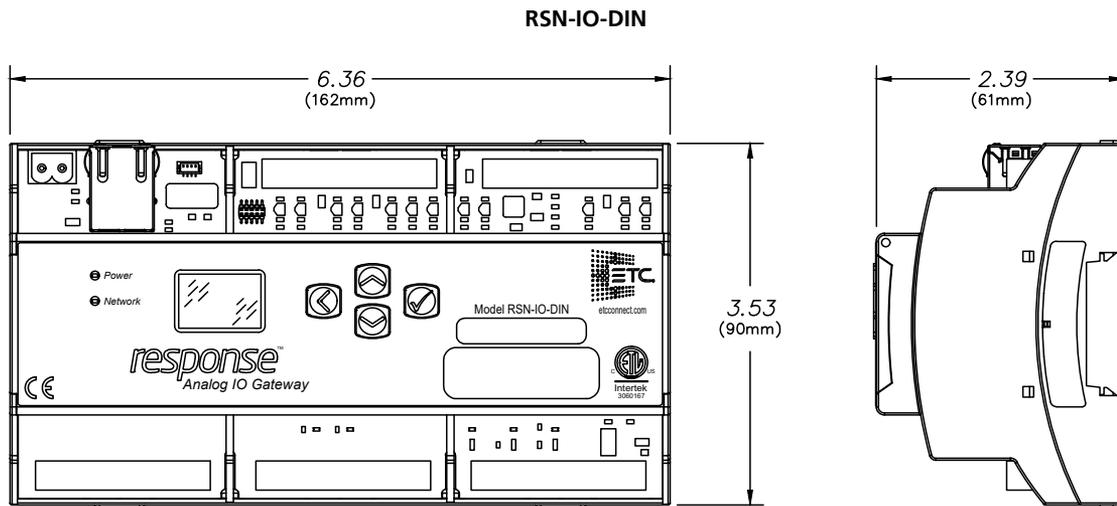
REGULATORY AND COMPLIANCE

- cETLus Listed
- CE Compliant
- RoHS Compliant
- WEEE

PHYSICAL

Product Dimensions

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT	
	in	mm	in	mm	in	mm	lb	kg
RSN-IO-DIN	2.39	61	6.36	162	3.53	90	0.22	0.10



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