C2N-IO

Control Port Expansion Module

> Fits within a 2-gang wall box behind the TPCS-4SM(D)

> Provides 1 RS-232, 1 IR/serial, and 2 relay ports

> Compatible with any Crestron® 2-Series or 3-Series™ control system

> Interfaces via the Cresnet® control buss

> 24 Volt DC Cresnet powered

> Surface mount bracket included

The C2N-IO is a very compact device that adds control ports to any Crestron® 2-Series or 3-Series™ control system. It connects via the Cresnet® control network and provides one RS-232, one IR, and two relay control ports. It can be mounted to any flat surface using two screws or adhesive reclosable fastener (3M® Dual Lock® included).

The C2N-IO is ideally designed for use with a Crestron TPCS-4SM or TPCS-4SMD touch screen control system, providing an advanced wall mount control package that fits in a 2-gang US or UK electrical box. The C2N-IO can be mounted inside the electrical box behind the touch screen, or it can be installed remotely requiring just one Cresnet control cable for power and communications.

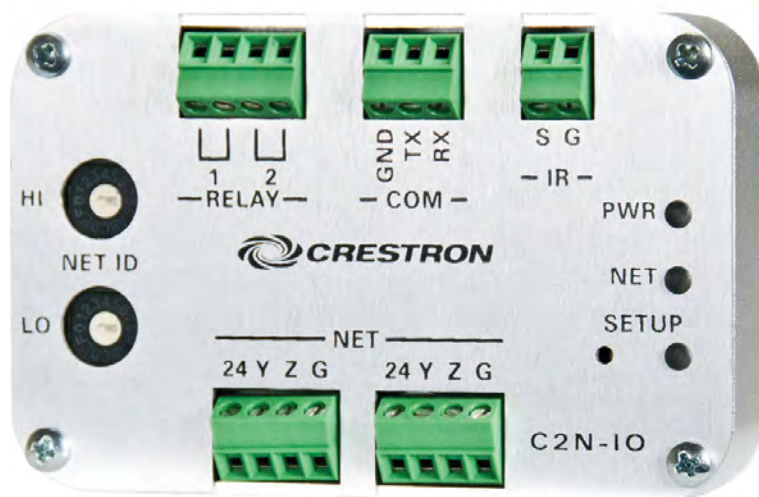

SPECIFICATIONS

Communications

Cresnet®: Cresnet slave device, 2-Series and 3-Series™ compatible
RS-232: Supports 2-way device control and monitoring up to 115.2k baud with software handshaking
IR/Serial: Supports 1-way device control via infrared up to 1.2 MHz or serial TTL/RS-232 (0-5 Volts) up to 115.2k baud

Connectors

RELAY 1 – 2: (1) 4-pin captive screw terminal block comprising (2) normally open, isolated relays;
Rated 1 Amp, 30 Volts AC/DC;
Solid-state arc suppression across contacts

COM: (1) 3-pin captive screw terminal block, bidirectional RS-232 port;
Up to 115.2k baud; software handshaking support

IR: (1) 2-pin captive screw terminal block, IR/Serial output port;
IR output up to 1.2 MHz;
1-way serial TTL/RS-232 (0-5 Volts) up to 115.2k baud

NET: (2) 4-pin captive screw terminal blocks;
Cresnet slave ports, paralleled

Controls & Indicators

NET ID: (2) rotary switches for manually setting Cresnet ID;
'00' setting enables touch-settable ID (TSID)
PWR: (1) green LED, indicates operating power supplied via Cresnet control network

NET: (1) amber LED, indicates communication with Cresnet system
SETUP: (1) red LED and (1) recessed miniature pushbutton for TSID

Power Requirements

Cresnet Power Usage: 1 Watt (42 mA @ 24 Volts DC)

Environmental

Temperature: 32° to 104°F (0° to 40°C)
Humidity: 10% to 90% RH (non-condensing)
Heat Dissipation: 3.5 BTU/Hr

Enclosure

Metal, freestanding or surface mount, surface mount bracket and 3M® Dual Lock® reclosable fastener included, fits inside a 2-gang electrical box or 2-gang UK (BS 4662) electrical box, 35 mm (1.38 in) minimum internal box depth required for C2N-IO and TPCS-4SM(D) combined

Dimensions

Height: 2.25 in (58 mm)
Width: 3.50 in (89 mm), 4.38 in (112 mm) with bracket
Depth: 0.83 in (21 mm)

Weight

2.7 oz (75 g)

CRESTRON®

MODELS & ACCESSORIES

Available Models

C2N-IO: Control Port Expansion Module

Available Accessories

IRP2: IR Emitter Probe w/Terminal Block Connector
CNSP-XX: Custom Serial Interface Cable
CRESNET-NP: Cresnet® Control Cable, non-plenum
CRESNET-P: Cresnet® Control Cable, plenum

Notes:

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

Specifications subject to change without notice. Crestron is not responsible for errors in typography or photography.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

3.5 in
(8.89 cm)

2.25 in
(5.72 cm)

0.83 in
(2.09 cm)

4.38 in
(11.12 cm)

3.98 in
(10.1 cm)

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AI Crestron products are proudly manufactured in the United States.