

SuperTwo I/O Combo

Supervised alarm/relay/expander

Overview

The Continental Access Super-Two I/O Combo Supervised Alarm/Relay Expander is designed to expand the capability of the Super-Two Access Control panel. Each I/O board allows for an additional 16 supervised alarm inputs and 16 Form C Relay outputs. The user may add a maximum of three (3) additional I/O boards per Super-Two.

I/O Combo Standard Features

The Super-Two I/O Combo version comes equipped with everything you need for plug-n-play operation including an auto-switching power supply, 7aH Battery and battery charger.

The battery charger provides open-collector outputs for AC Fail & 12V Fail notification as well as both fast and trickle charge of the battery.

The power supply provides automatic switching between 120V & 240V for use in both North America and Europe.

The I/O expander board provides LED status feedback for 12V power, relay activation, input status and overall board health.

The board also comes standard with an Accessory Power Out circuit that provides battery-backed 12V DC power for accessory equipment such as sounding devices, REX sensors, door strikes, etc...

Simplified Connectivity

The I/O Expander connects to the Super-Two via a three-foot RJ-12 communication cable (supplied).

Additional Expandability

The Super-Two I/O Combo allows for growing expansion (see figure on back). In order to reach the maximum number of relay outputs and alarm inputs one need to add an additional Expander board to the Combo enclosure. The board would be powered from the same power supply and comes with the necessary RJ-12 communication cable. Next, a third Expander board and additional enclosure would need to be added to the system. Once again the board is powered from the same power supply in the Combo enclosure and comes with the RJ-12 communication cable. This combination allows for control of an additional 48 (56 total) supervised alarm inputs and 48 (52 total) relay outputs per Super-Two.



- 16 Supervised Alarm Inputs per board
- 16 Relay Outputs per board
- LED Status Indicators
- Auto-switching Power Supply
- 12V Accessory Power
- Battery Powered Backup
- Battery Charger



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SUPER-TWO I/O BOARD
with ENCLOSURE

PART #'s

CICP1300IOBD &
CICP1300IOENCL



SUPER-TWO I/O
COMBO + I/O BOARD

PART #'s

CICP1300IOCOMBO
CICP1300IOBD



SUPER-TWO
2-DOOR CONTROLLER

PART #

CICP-1300

Specifications

Item	Quantity	Comments
Relays	16 (each PDB) per panel. 48 Max.	Form C, contact rating of 2A@24V AC/DC
Alarms	16 (each PDB) per panel. 48 Max.	Supervised or non-supervised (host programmable)
Status LEDs	16 4 2	One LED per relay Event, OK, Relay power, LOGIC power 12V out , AC ON (Charger board)
Tamper Switch	1	
Supply Voltage		120/230 VAC 60/50Hz
Current Draw		1.0A @ 120VAC; 0.5A@230VAC
Accessory 12V Output	2	1.6A for Readers, Locks, and Accessories. Battery Backed.
Battery Backup		Approx. 4 hours.
Weight		17 lbs. (with 7AH battery installed)
Enclosure Dimensions (H x W x D)		18.75" x 13.85" x 3.25" (47cm x 35.2cm x 8.3cm)
Temperature Range Operating Storage		32-115°F (0-46°C) 32-149°F (0-65°C)
Relative Humidity		0% to 85% non-condensing

Part Numbers	Description
CICP1300IOCOMBO	Enclosure with lock, Power Supply/Charger and 1 CICP1300IOBD (16 supervised alarm inputs, 16 relay outputs). This unit can support (1) Additional CICP1300IOBD in this enclosure.
CICP1300IOBD	Includes (1)CICP1300IOBD Input/Relay board & RJ12 Connector cable
CICP1300IOENCL	Enclosure ONLY
NOTE	To add the third CICP1300IOBD to a Super-Two you must purchase an additional CICP1300IOBD and an additional CICP1300IOENCL.

For more information, please contact your local sales representative or contact Continental Access directly at (631) 842-9135.

Continental Access 

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