

Input / Output Expansion Board

Part Code: CS-AC-4311-PCB

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The CS-AC-4311 I/O Expansion Board from Controlsoft® provides a simple and cost effective method for expanding an i-Net™ based Access Control System. Each I/O Expansion Board increases the system capacity by eight inputs and eight outputs.

Features & Benefits

- Flexible System Expansion via RS485 bus
- Eight Programmable Inputs.
- Eight Programmable Output Relays.
- Reliable and Robust Operation

Technical

- 12Vdc @ 50mA
- Removable Terminal Blocks for Ease of Installation
- All Outputs are Voltage Free Changeover Relay Contacts for Maximum Flexibility
- 3 Year Warranty

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Input / Output Expansion Board

i-Net Access Control System

The i-Net access control system architecture allows Ethernet connectivity directly from a door location to the Controlsoft Software, while still providing the security, functionality and modularity of Controlsoft's proven hardware platform. The i-Net system is scalable for any access control application, from the most basic to the most sophisticated. In the event of communication loss, the i-Net Intelligent Door Controllers (IDC) allows local functionality to continue in 'off-line' mode until the server connection is restored.

The I-Net IDC communicates with the Controlsoft Lite or Pro Server PC through its Ethernet port for remote configuration and/or management. The Controlsoft Lite or Pro Server Software supports an unlimited number of i-Net IDCs.

Working alongside the Controlsoft Lite or Pro Server software, the I-Net IDC supports Anti-Passback functionality. Reader ports support Wiegand and Clock & Data, or RS485 readers can be added directly to the RS485 bus.

Output relays provide voltage free changeover contacts and inputs support normally open and normally closed circuits for tamper, power failure, door contact supervision and Request to Exit (REX) button.

Specifications

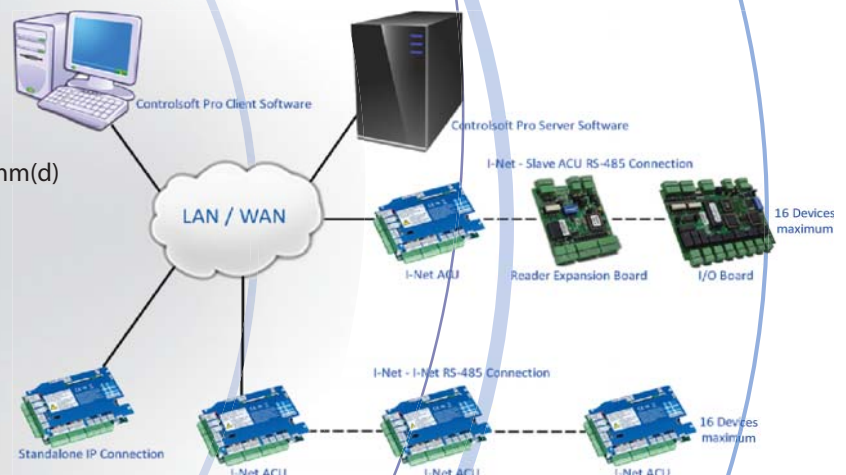
Dimensions (PCB): 160mm x 125mm x 15mm.

Dimensions (Boxed): 360mm(h) x 286mm(w) x 95mm(d)

Weight (Boxed): 3.5Kg

Operating Temperature: 0 °C to 55 °C

Operating Humidity Range: 5% to 95%



Ordering Information

Part Number: CS-AC-4311-PCB	PCB Only
Part Number: CS-AC-4311	Boxed
Part Number: CS-AC-4311-PS	Boxed with 2A PSU

Part Number: **AC-6000** Controlsoft Lite Software Package

Part Number: **AC-6050** Controlsoft Pro Software Package

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