

Reader Expansion Board

Part Code: CS-AC-3151-PCB

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The CS-AC-3151 Reader Expansion Board from Controlsoft® provides a simple and cost effective method for expanding an i-Net™ based Access Control System. Each Reader Expansion Board increases the system capacity by two readers to control two doors (one door with Reader In & Out).

Features & Benefits

- Flexible System Expansion via RS485 bus
- Four Programmable Inputs.
- Two Programmable Output Relays.
- Two Reader Interface Ports.
- Reliable and Robust Operation
- Compatible with a Wide Range of Card Formats

Technical

- 12Vdc @ 50mA
- Removable Terminal Blocks for Ease of Installation
- All Outputs are Voltage Free Changeover Relay Contacts for Maximum Flexibility
- Wiegand / Clock & Data Reader Interface.
- Supports Wiegand 26 bit, 34 bit, 37 bit and 56 bit Protocols
- On-board Regulator Supplies 12Vdc Power for Readers.
- 3 Year Warranty

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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): 100mm x 110mm x 15mm.

Dimensions (Small Box): 283mm(h) x 283mm(w) x 93mm(d)

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

Weight (Small Box): 3.0Kg

Weight (Large Box): 3.5Kg

Operating Temperature: 0 °C to 55 °C

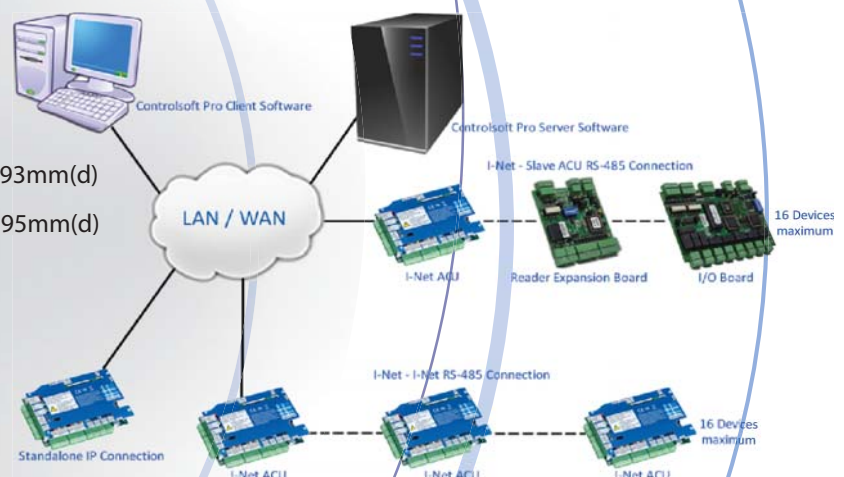
Operating Humidity Range: 5% to 95%

Ordering Information

Part Number: CS-AC-3151-PCB	PCB Only
Part Number: CS-AC-3151	Small Box
Part Number: CS-AC-3151-PS3	Large Box with 3A PSU
Part Number: CS-AC-3151-PS5	Large Box with 5A PSU

Part Number: AC-6000 Controlsoft Lite Software Package

Part Number: AC-6050 Controlsoft Pro Software Package



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