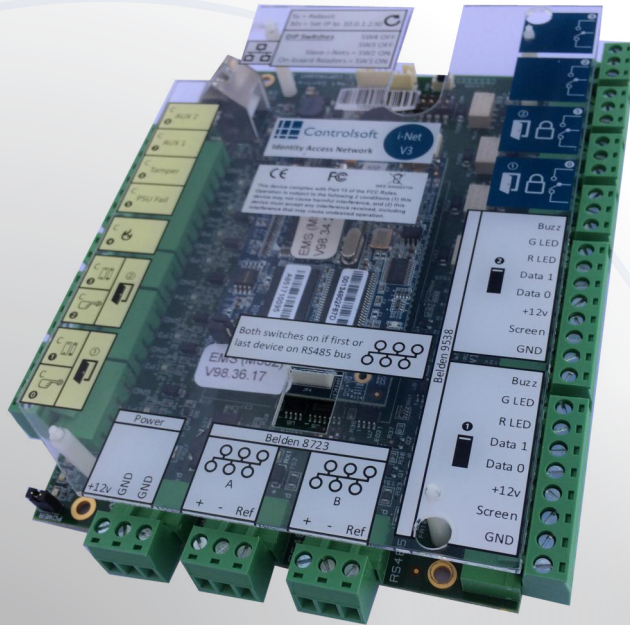# Controlsoft® i-Net™ PLUS Intelligent Door Controller

Part Codes:
IA-PCB, IA-ACB, IA-ACU, IA-ACUPLUS, IA-ACU-POE, IA-KIT

The i-Net PLUS Intelligent Door Controller from Controlsoft provides a single board solution for interfacing one or two doors to a Controlsoft Identity Access system. In addition, other i-Net PLUS controllers, I/O Expansion Boards and RS485 Readers can be added on the i-Net PLUS RS485 ports to expand its capabilities.

Features & Benefits

- Battery-backed memory for 50,000 cardholders and 100,000 events
- Flexible System Expansion
- Nine Programmable Inputs
- Four Programmable Output Relays
- Two Reader Interface Ports
- Doors can be Automatically Released in the Event of Fire
- Programmable Lock Timers for Compliance with DDA
- Reliable and Robust Operation
- Anti-Passback
- 3 Year Warranty

Technical

- On-board 10/100 Base-T port
- 12Vdc @ 250mA
- Large, removable Terminal Blocks for Ease of Installation
- Pulsed or Toggle Door Control
- 2 x RS485 Ports for System Expansion
- Wiegand / OSDP Readers
- Input monitoring for signals including REX, Door Contact, Fire, Breakglass Monitor and Tamper
- Power Supply Monitoring for Mains Fail and Battery Fault
- 45 Degree LAN Socket for Ease of Installation

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Controlsoft i-Net PLUS Intelligent Door Controller

Two Door / Reader Controller

The i-Net PLUS 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 PLUS is scalable for any access control application, from the most basic to the most sophisticated. In the event of communication loss, the i-Net allows local functionality to continue until the server connection is restored.

The i-Net PLUS communicates with the Controlsoft Identity Access software through its Ethernet port for remote configuration and management. The Controlsoft Identity Access software supports an unlimited number of i-Net PLUS controllers.

Two on-board reader ports support Wiegand readers for 2 independent doors, or 1 door with IN and OUT readers. Alternatively, OSDP readers can be added directly to the RS485 bus.
The i-Net PLUS includes four output relays with voltage free changeover contacts and nine inputs that support normally open and normally closed circuits.

Specifications
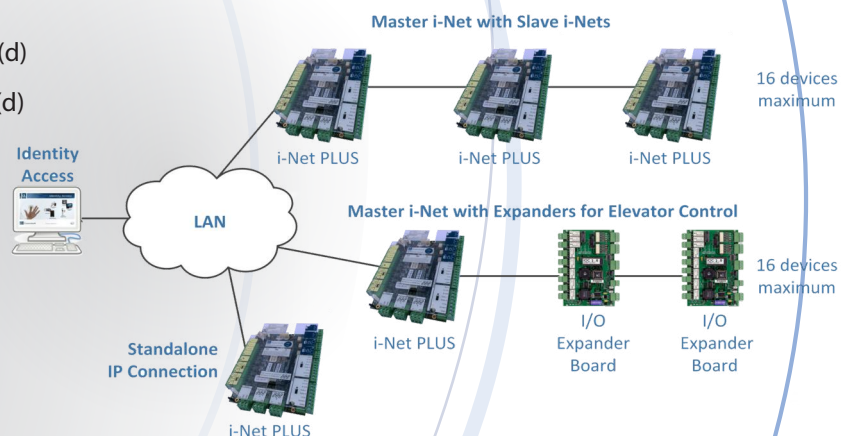
Dimensions (PCB): 175mm(h) x 135mm(w) x 25mm(d)

Dimensions (Box): 385mm(h) x 310mm(w) x 95mm(d)

Weight (PCB): 200g

Weight (Box): 4.0Kg

Operating Temperature: 0 ℃ to 55 ℃

Operating Humidity Range: 5% to 95%

Ordering Information

Part Number: **IA-PCB,** Control Unit**,** PCB Only

Part Number: **IA-ACB**, Control Unit, boxed

Part Number: **IA-ACU**, Control Unit, boxed with 3A power supply (not monitored)

Part Number: **IA-ACUPLUS,** Control Unit, boxed with 3A Smart (monitored) power supply

Part Number: **IA-ACU-POE,** Control Unit, boxed with 3A POE++ (monitored) power supply

Part Number: **IA-KIT,** Control Unit, boxed with 3A Smart (monitored) power supply and IA-R10P Reader

Part Number: **IA-STD** Identity Access Standard Software

Part Number: **IA-PRO** Identity Access Professional Features License

Part Number: **IA-AID** Identity Access Card Printing License

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