iNet™ IOC Expansion Board

The IOC I/O Expansion Board from Controlsoft® provides a simple and cost effective method for expanding an i-Net™ 1DR or 2DR Access Control System. Each I/O Expansion Board increases the system capacity by eight inputs and eight outputs.

Features and Benefits

- Flexible System Expansion via RS485 bus
- Eight programmable inputs
- Eight programmable output relays
- Large, removable Terminal Blocks for Ease of Installation
- 3 Year manufacturer warranty
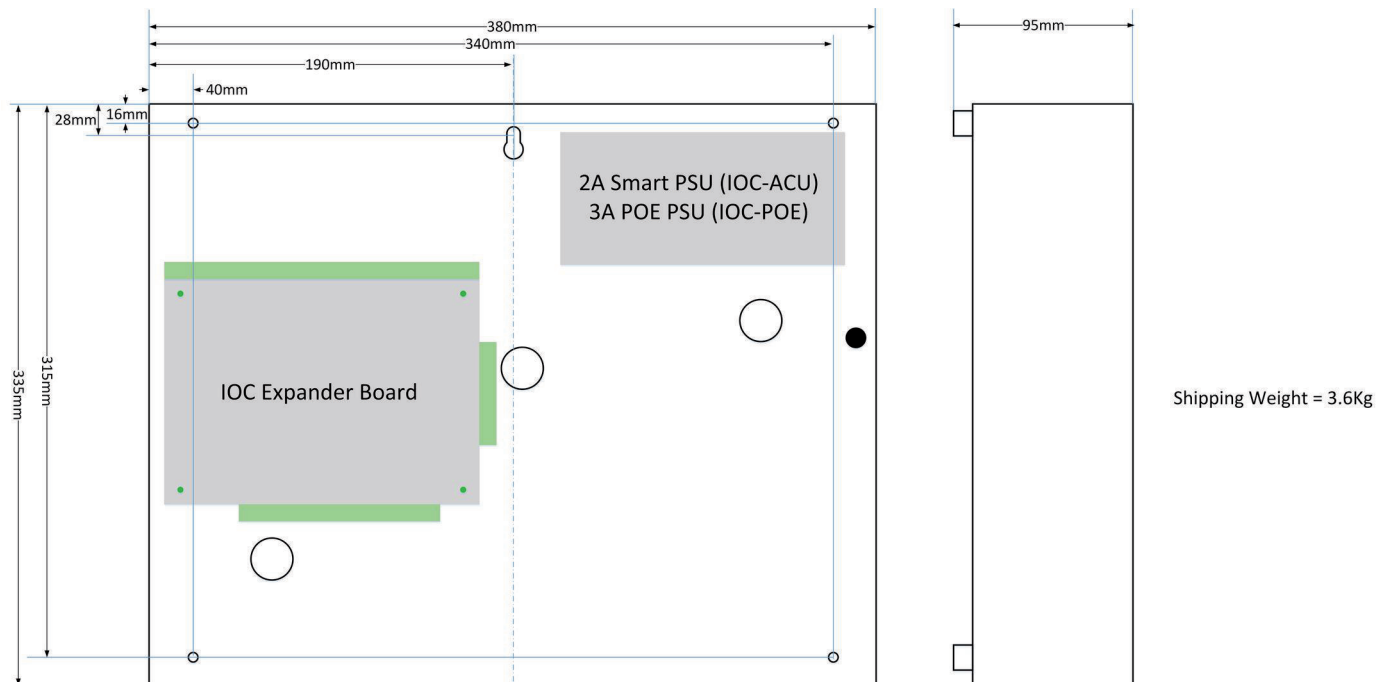
Technical / Electrical

- RS485 Port for System Expansion
- RS485 Network Cable Type: Belden 8723
- All outputs are voltage free changeover relay contacts for maximum flexibility
- Operating voltage: 12VDC +/-20%
- Current consumption: 20mA @ 12VDC
- Output relays rated 3A @ 12VDC
- Operating temperature: 0 °C to 55 °C
- Operating humidity range: 5% to 95%

Product Dimensions

Shipping Weight = 0.35Kg

175mm
138mm
25mm

380mm
340mm
190mm
40mm
28mm 16mm

2A Smart PSU (IOC-ACU)
3A POE PSU (IOC-POE)

IOC Expander Board

315mm
335mm

95mm

Shipping Weight = 3.6Kg

Part Codes

The IOC Expander Board is available in the following part codes:

Part Code   Description

IOC-PCB: Expander PCB only

IOC-ACU: Expander in metal box with 12v 2A monitored PSU, box tamper and LED power indications

IOC-POE: Expander in metal box with 3A PoE++ PSU, box tamper and LED power indications