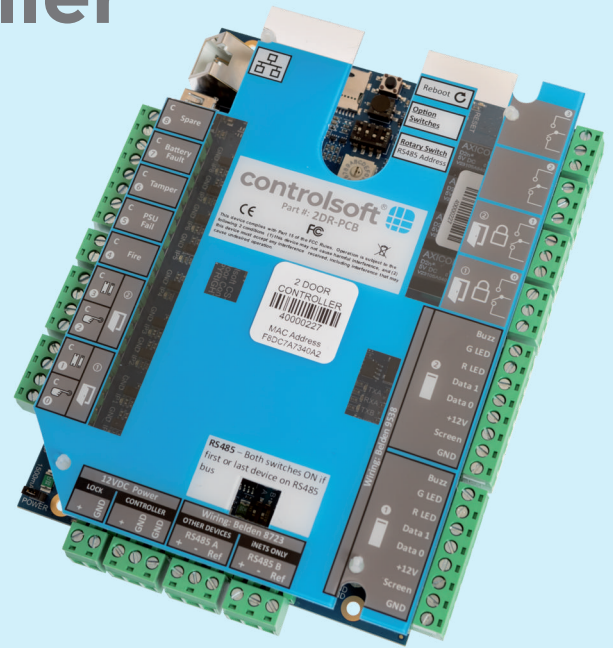


# iNet™ 2 Door Controller

The iNet 2DR is a door access control unit for 2 doors with IN readers, or 1 door with IN and OUT readers

The iNet 2DR has onboard TCP/IP for connection to a network or it can be connected to other iNet 1DR or 2DR control units using a multi-drop / daisychain RS485 network.

Each iNet 2DR has fully distributed intelligence to ensure that it continues to work normally in the event of communications failure to the network.



## Features and Benefits

- 200,000 users / tokens per controller
- 250,000 stored events
- 2 reader ports
- Support for Wiegand and OSDP (RS485) Readers
- Supports industry standard HID Formats
- Door Function Inputs for Exit Button and Door Contact
- Monitoring inputs for Breakglass, Power Fault, Battery Fault and Tamper
- Door open time 1 - 1800 seconds or toggle (latch mode)
- Dedicated door alarm relays
- Auxiliary Power Output for Locks etc.
- Encrypted peer to peer communications (comms over IP) for Events and Actions independent of the server
- 3 Year manufacturer warranty

## Technical / Electrical

### Communication

TCP/IP	Yes
Ethernet Network Speed	10/100 Mbit/s auto
Ethernet Encryption	AES-256 Bit
DHCP (Fixed IP Recommended)	Yes
RS485	Yes
No of RS485 Ports	2
RS485 Port Protocol	iNet / OSDP V1 / Aperio
RS485 Cable Type	Belden 8723

### Electrical

Operating Voltage	12VDC +/-20%
Current Consumption	120mA @ 12VDC
Relay Rating	3A @ 12VDC

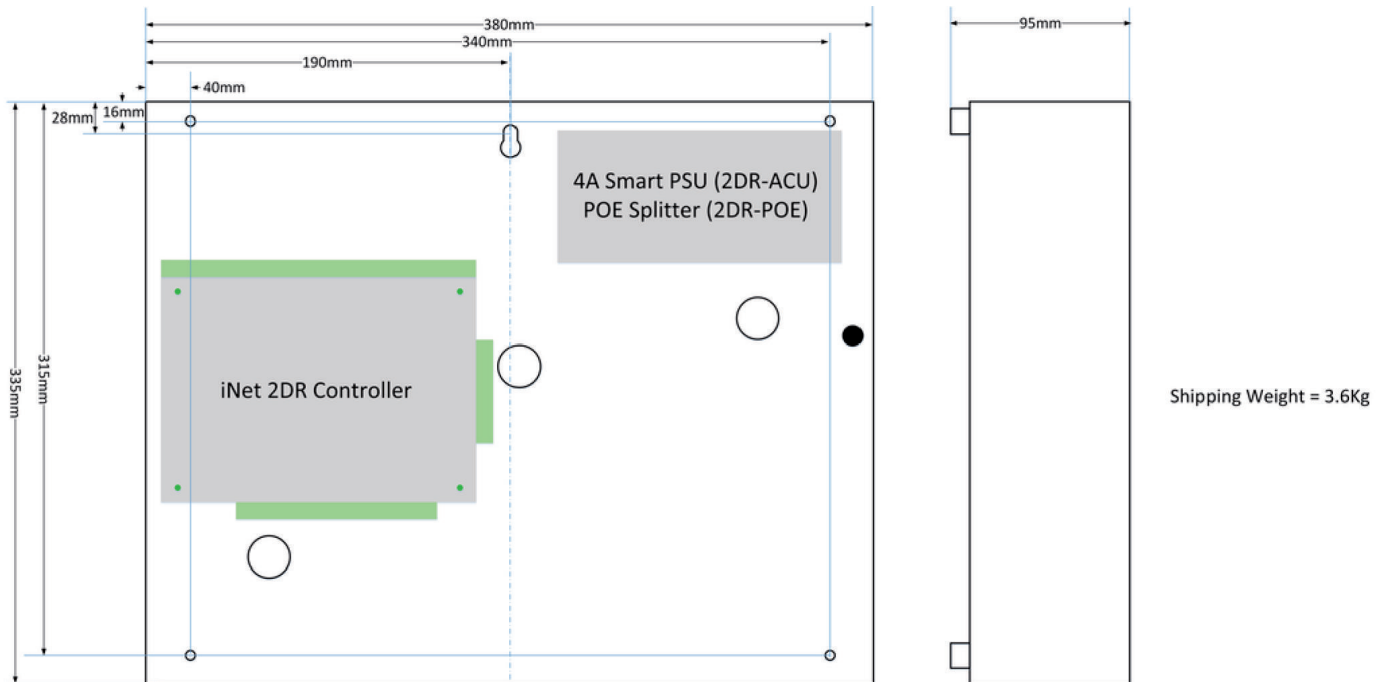
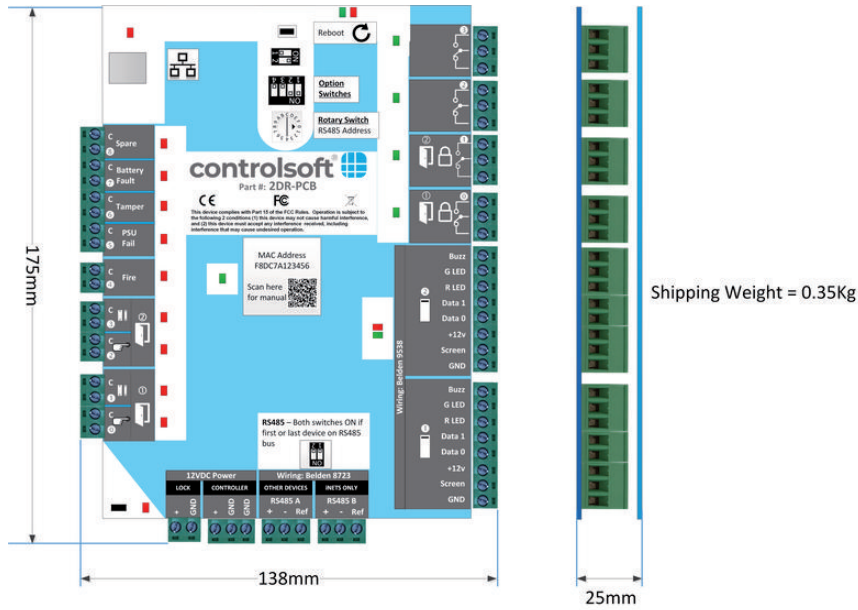
### Interfaces

No of Wiegand Reader Ports	2
Reader Cable Type	Belden 9538
No of Programmable Inputs	9
No of Relay Outputs	4

### Environmental

Operating Temperature	0°C - 55°C
Operating Humidity	5% to 95%
Moisture Resistance	None
Vandal Resistance	Low

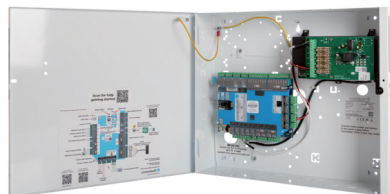
## Product Dimensions



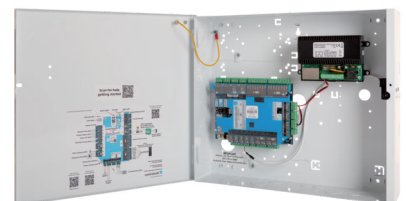
## Part Codes



**2DR-PCB**  
iNet PCB Only



**2DR-ACU**  
iNet in metal box with 12v 4A  
monitored PSU, box tamper and LED  
power indications



**2DR-POE**  
iNet in metal box with 3A PoE++ PSU,  
box tamper and LED power indications