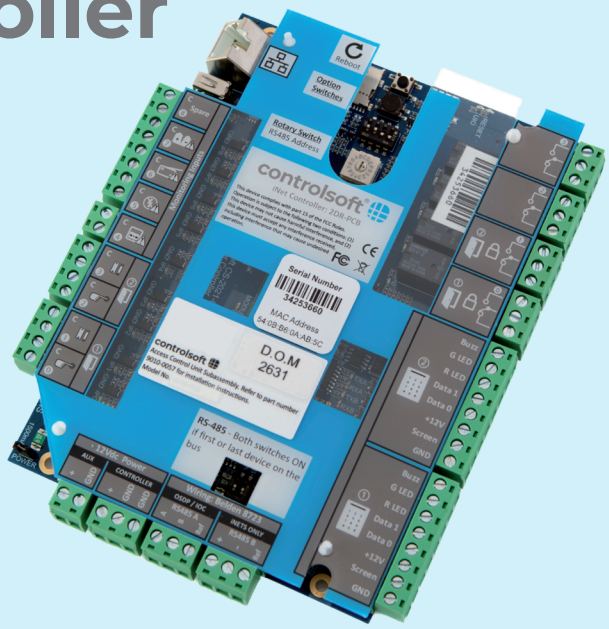
# iNet™ 2 Door Controller



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

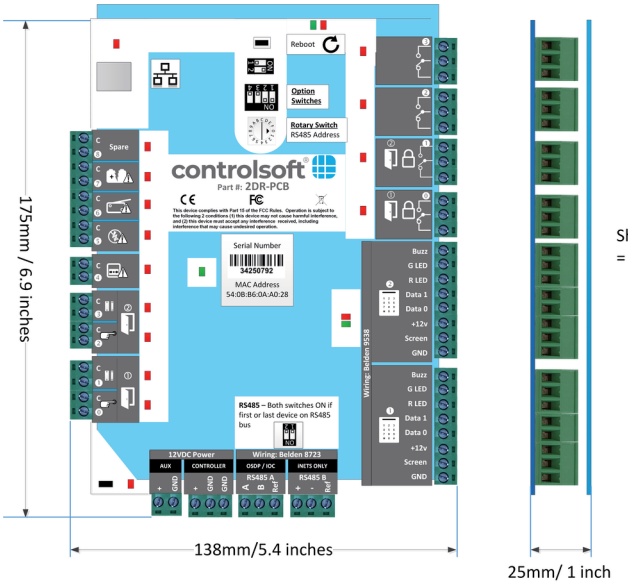
- 200,000 users / tokens per controller
- 250,000 stored events
- 2 reader ports
- Support for Wiegand and OSDP (RS485) Readers
- Supports industry standard HID Formats
- Door Function Inputs for Exit Button and Door Contact
- Monitoring inputs for Breakglass, Power/Battery Fault and Tamper
- Door open time 1 - 1800 seconds or toggle (latch) mode)
- Dedicated door alarm relay
- Auxiliary Power Output for Lock etc.
- Encrypted peer to peer communications (comms over IP) for Events and Actions independant 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 | 2A @ 30VDC |
| **Interfaces** | |
| No of Wiegand Reader Ports | 2 |
| Wiegand Reader Cable Type | Belden 9538 |
| No of Programmable Inputs | 9 |
| No of Relay Outputs | 4 |
| **Enviromental** | |
| Operating Temperature | 0°C~ 55°C (32F~133F) |
| Operating Humidity | 5% to 95% |
| Moisture Resistance | None |
| Vandal Resistance | Low |

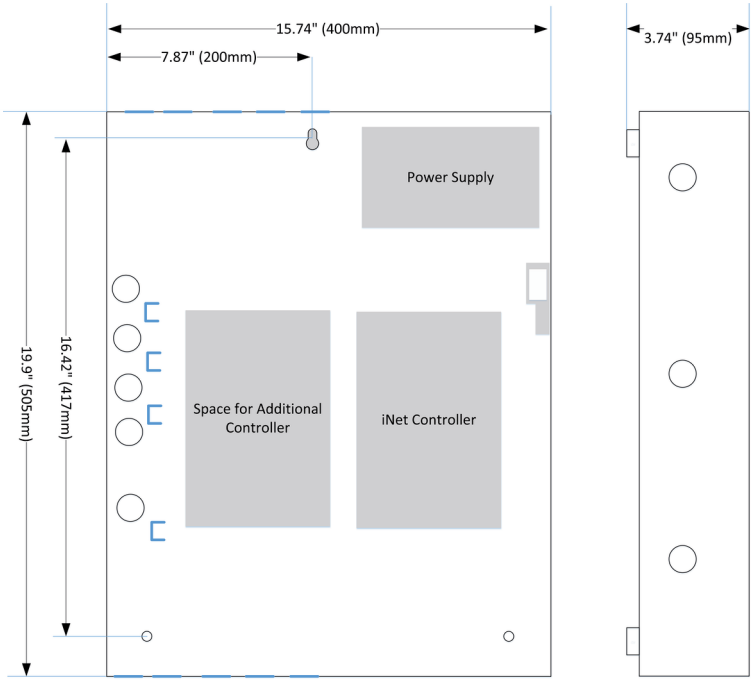
© 2026 Controlsoft Limited. All rights reserved. Controlsoft and the Controlsoft logo are registered trademarks of Controlsoft Limited in Europe, the U.S. and/or other countries. All other trademarks, service marks, and product or service names are trademarks or registered trademarks of their respective owners. 9030-0104 issue 1

# Product Dimensions



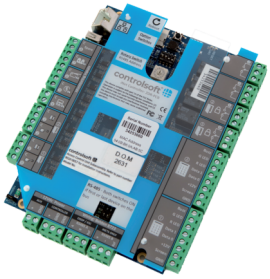

Shipping Weight
= 350 g / 12oz




Shipping Weight 17bs (8Kg)

# Controller Part Numbers



**US-2DR-PCB**
2 Door iNet PCB Only



**US-2DR-ACU**
2 Door iNet in metal box with 12v 4A monitored PSU with 4 Way PTC Fused Output Module, box tamper and LED power indications

# Cabinet Options

**(iNet Controller Not Included)**



**US-PSUBOX1**
Space for 1 iNet Controller.
Metal box with 12v 4A monitored PSU, with 4 Way PTC Fused Output Module, box tamper and LED power indications



**US-PSUBOX2**
Space for 2 iNet Controllers
Metal box with 12v 4A monitored PSU, with 4 Way PTC Fused Output Module, box tamper and LED power indications

For larger enclosures please go to https://altronix.com/system_design_tools/trove2/controlsoft

© 2026 Controlsoft Limited. All rights reserved. Controlsoft and the Controlsoft logo are registered trademarks of Controlsoft Limited in Europe, the U.S. and/or other countries. All other trademarks, service marks, and product or service names are trademarks or registered trademarks of their respective owners. 9030-0104 issue 1