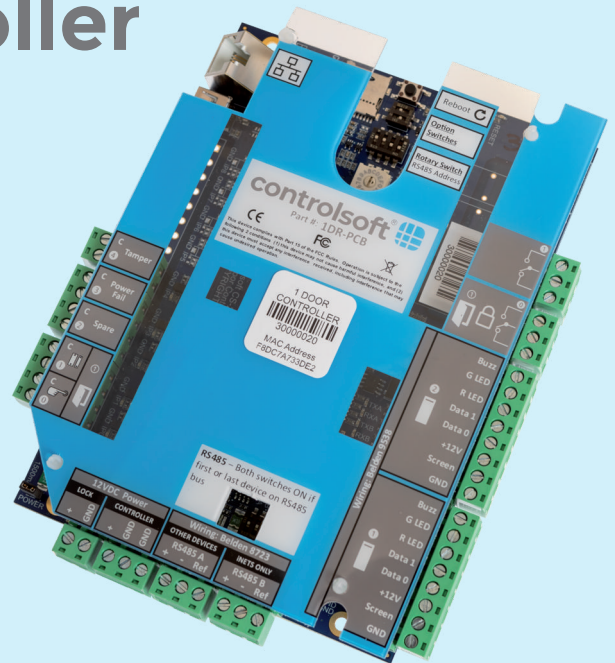


iNet™ 1 Door Controller

The iNet 1DR is a door access control unit for 1 door with IN and OUT readers.

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

Each iNet 1DR 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 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
No of Downstream iNets	Up to 15
RS485 Cable Type	Belden 8723

Electrical

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

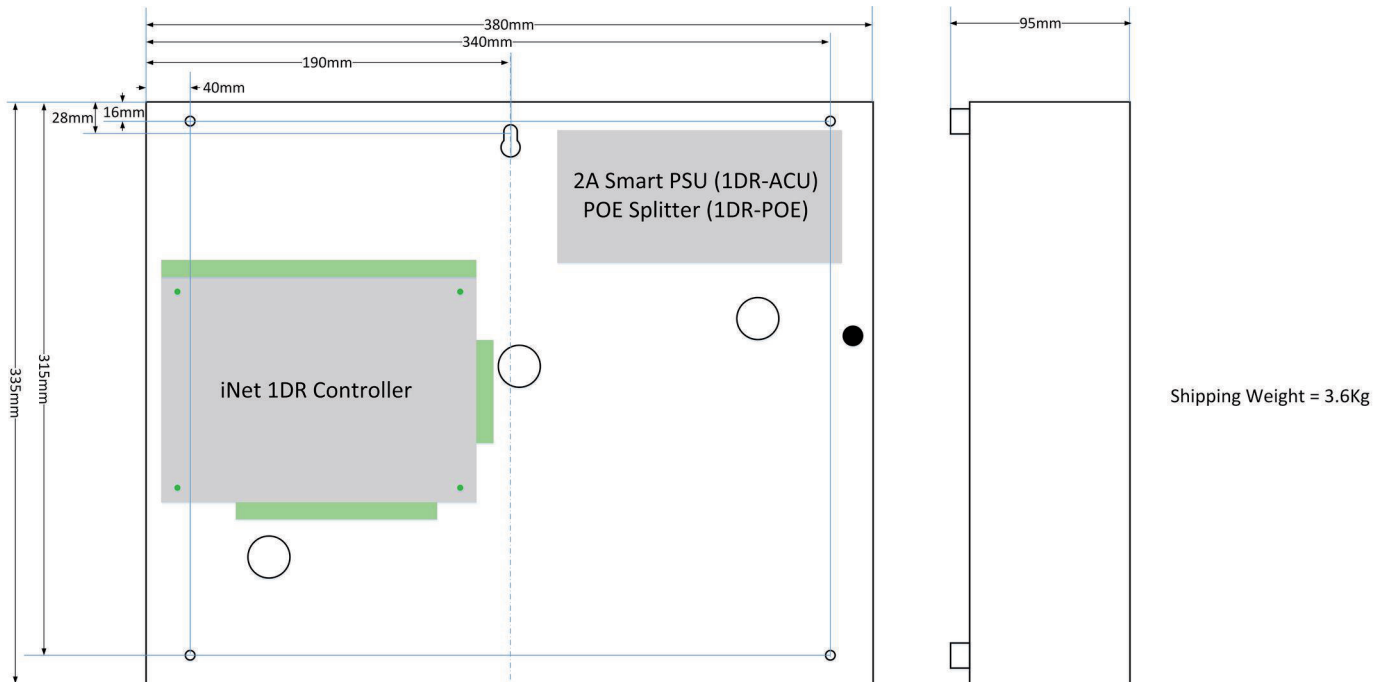
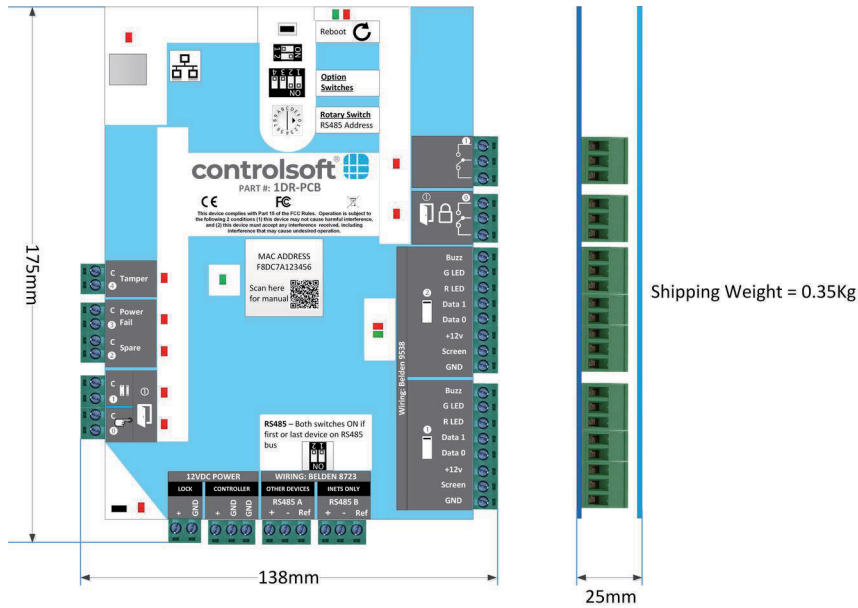
Interfaces

No of Wiegand Reader Ports	2
Reader Cable Type	Belden 9538
No of Programmable Inputs	5
No of Relay Outputs	2

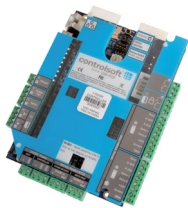
Environmental

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

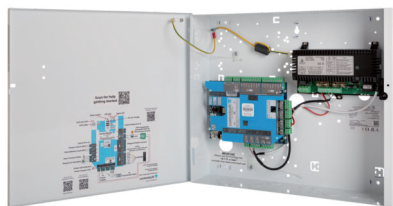
Product Dimensions



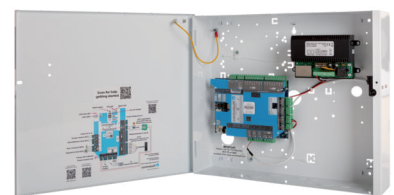
Part Codes



1DR-PCB
iNet PCB Only



1DR-ACU
iNet in metal box with 12v 2A
monitored PSU, box tamper and LED
power indications



1DR-POE
iNet in metal box with 3A PoE++ PSU,
box tamper and LED power indications