

# Ethernet Integrated Door Controller

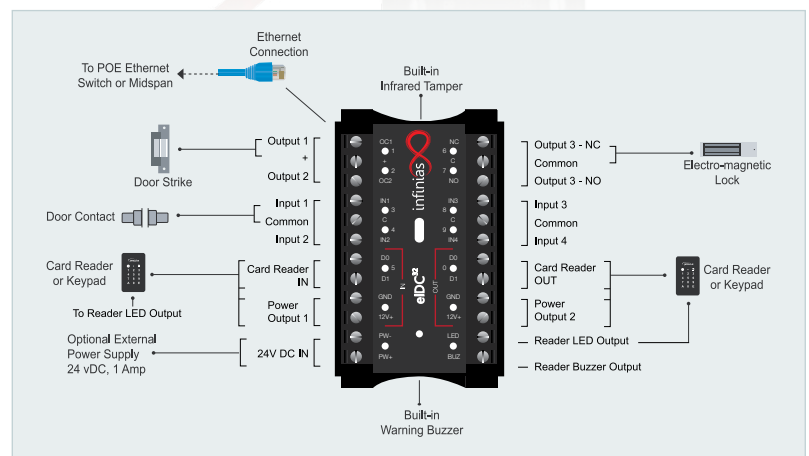
We make it easy to secure as many doors as you need to for your security applications. Our controllers include the infinias eIDC<sup>32</sup> door controller — a compact, 2 inch PoE-enabled door controller that makes installation at the door simple and scalable. The edge-based IP device supports single door to multi-site IP-based access control systems, manages up to 64,000 credentials and features PoE that carries data and power for the door controller and peripheral door hardware. Our door controllers are fully-integrated and make adding a door to your network easy and affordable.

## INFINIAS EIDC<sup>32</sup> INTELLI-M ETHERNET-ENABLED INTEGRATED DOOR CONTROLLER

S-EIDC32

The eIDC<sup>32</sup> delivers the power you need in the smallest form factor in the industry. The high-performance eIDC<sup>32</sup> door controller can handle more cards, more schedules and more functions than any single door controller on the market – making it an advantaged solution for virtually any access control installation.

- ▶ Compact single door controller mounts at the door in a double gang box for easy installation
- ▶ Uses existing network infrastructure and connects to closet network switch with single Cat 5/Cat 6 cable
- ▶ PoE carries both data and power for controller and peripheral door hardware
- ▶ Local event buffering provides failover protection if a server connection is interrupted
- ▶ 3-state alarm monitoring and anti-passback for enhanced security
- ▶ Buffers up to 16,000 local events when disconnected from the host (so events are never lost)
- ▶ Secure transmissions with end-to-end AES 128-bit encryption
- ▶ Embedded web software for single-door standalone applications enables browsing through controller
- ▶ Supports DHCP and Static IP addresses



Questions? Need help choosing? Call us today to speak with an access control technician.

# Ethernet Integrated Door Controller Specification Chart

General	
Readers	2
Doors	1
Cards	8,000 in Web Mode* 5,000 with Supervisor Plus* 64,000 with Intelli-M Access*
History	16,000 transactions (web mode)
Schedules	240
Holidays	48
Power	Direct from PoE switch external power supply (24 VDC, 1 A) IEEE 802.3af - 2003
Communication	Ethernet, 10Base-T
PoE Max Distance	100 m (328 ft)
Switch	Cat5, Cat5e, Cat6
Readers	
Power	12 VDC at 250 mA per reader*
Types	Wiegand format
Wiring	18 gauge, 6 conductor wire recommended
Inputs	
1-4	Configurable inputs, contact closure or transistor-transistor logic (TTL), with optional end of line resistor (EOLR) supervision
Tamper	Integrated infrared tamper
Wiring	18 gauge, 2 conductor wire recommended

Outputs	
1 & 2	Open collector outputs with electronic overload protection (max 450 mA at 12 VDC)*
3	Form C, SPDT relay output with configurable initial state (max 5 A at 30 VDC)
4	Built-in warning buzzer or alarm tone generator (max 80 dB)
Reader	LED output Buzzer output
Wiring	18 gauge, 2 conductor wire recommended
Physical	
Dimensions	1.30" D x 1.70" W x 2.82" H (3.30 x 4.32 x 7.16 cm)
Enclosure	2.84" D x 4.30" W x 4.30" H (7.20 x 10.90 x 10.90 cm)
Plaster Ring	0.48" D x 4.75" W x 4.75" H (1.20 x 12.10 x 12.10 cm)
Cover Plate	0.48" D x 4.75" W x 4.75" H (1.20 x 12.10 x 12.10 cm)
Unit Weight	3.7 oz (105 g)
Ship Weight	1.0 lb (0.45 kg) approximate
Environmental	
Operating Temp	32° to 120°F (0° to 49°C)
Storage Temp	-40° to 150°F (-40° to 66°C)
Humidity	0% to 85% relative, noncondensing
Certifications	CE, Class A, FCC part 15, Class A, UL 294

## Warranty:

- ▶ **2 Year Replacement**

## Notes:

- ▶ The maximum total of all output power from the eIDC<sup>32</sup> is 750 mA.
- ▶ The maximum output to either reader is 250 mA.
- ▶ The maximum output from the combined open collectors is whichever of the following is less: 450 mA or 750 mA less the sum of the readers.

\* Consult an infinias Support Engineer for installations over these amounts.



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