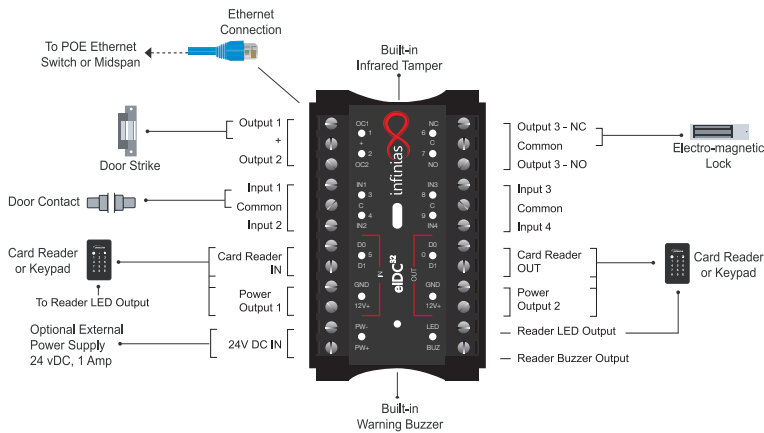


infinias[®] Ethernet-Enabled Integrated Door Controller (eIDC³²)

The infinias eIDC³² door controller is a compact, 2 inch PoE-enabled door controller that makes installation at the door simple and scalable. This tiny device supports single door to multi-site IP-based access control systems and manages up to 64,000 credentials. Our door controllers are fully-integrated and make adding a door to your network easy and affordable.

The eIDC³² delivers the power you need in the smallest form factor in the industry. This high-performance eIDC³² door controller can handle more cards, more schedules and more functions than any single door controller on the market – making it an ideal solution for virtually any access control installation.



Key Features & Benefits

Compact single door controller mounts at the door in a double gang box for easy installation	✓
Uses existing network infrastructure and connects to closest network switch with single Cat 5/Cat 6 cable	✓
PoE carries both data and power for controller and peripheral door hardware	✓
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	✓

GENERAL

Readers:	2
Doors:	1
Cards:	8,000 in Web Mode 5,000 with Supervisor Plus 64,000 with infinias Access Control Management software
History:	16,000 transactions (web mode)
Schedules:	255
Holidays:	48
Power:	Direct from PoE switch or external power supply (24 VDC, 1 A)
Communication:	Ethernet, 10Base-T
Max Distance:	100 m (328 ft)
Switch:	Cat5, Cat5e, Cat6

READERS

Power:	12 VDC at 250 mA per reader
Types:	Wiegand format
Wire:	6 conductor, 500 ft

INPUTS

1-4:	Configurable inputs, contact closure or transistor-transistor logic (TTL), with optional end of line resistor (EOLR) supervision
Tamper:	Integrated infrared tamper
Wire:	2 conductor, 2,000 ft

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 250 VAC)
4:	Built-in warning buzzer or alarm tone generator (max 80 dB)
Reader:	LED output Buzzer output
Wire:	2 conductor, 2,000 ft

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)
Shipping 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, non-condensing
Certifications:	CE, Class A, FCC part 15, Class A, UL 294

WARRANTY

Period:	2 Year Replacement
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PART NUMBER

S-EIDC32:	infinias® Ethernet-Enabled Integrated Door Controller
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RECOMMENDED ACCESSORIES

S-SMB-5075:	Surface Mounting Box
S-RACK-006:	Rackmount Adapter

NOTES

- The maximum total of all output power from the eIDC³² 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.

