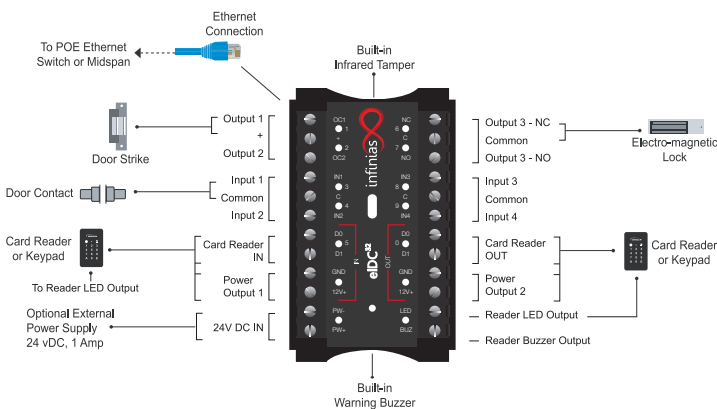# Intelli-M Ethernet-Enabled Integrated Door Controller

We make it easy to secure as many doors as you need to for your security applications. Our controllers include the infinias eIDC32 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.

The eIDC^{32} delivers the power you need in the smallest form factor in the industry. The high-performance eIDC^{32} 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.

Key Features and 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

3xLOGIC   10225 Westmoor Drive, Suite 300, Westminster, CO 80021 | www.3xlogic.com | (877) 3XLOGIC

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:	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, Variable 100-300ft

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

WARRANTY

Period:	2 Year Replacement

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, noncondensing
Certifications:	E, Class A, FCC part 15, Class A, UL 294

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.