

# INFINIAS S-EIDC+

## ETHERNET-ENABLED INTEGRATED DOOR CONTROLLER



### PRODUCT SUMMARY

Our INFINIAS EIDC+ door controller — a compact, 2.8-inch PoE-enabled door controller makes installation at the door simple and scalable. The edge-based IP device works for single door to multi-site INFINIAS access control systems, supports Wiegand or OSDP readers, and features PoE 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.

Key Features	
<ul style="list-style-type: none"> <li>» Compact single door controller mounts at the door in a double gang box for easy installation</li> <li>» Supports Lock Control, Request to Exit (REX), Alarm Bypass, Door Contact, and configurable inputs</li> <li>» Uses existing network infrastructure and connects to closest network switch with single Cat 5/Cat 6 cable</li> <li>» Supports DHCP and Static IP addresses</li> </ul>	<ul style="list-style-type: none"> <li>» Secure transmissions using TLS 1.2</li> <li>» 3-state alarm monitoring and anti-pass back for enhanced security</li> <li>» PoE carries both data and power for controller and peripheral door hardware or can be powered with a 24VDC power supply</li> <li>» Supports up to 2 Wiegand or OSDP readers and multiple credential types</li> <li>» Buffers up to 16,000 local events when disconnected from the host</li> </ul>

### PRODUCT NUMBERS

Available Units	Description
S-EIDC+	Ethernet-Enabled Integrated Door Controller

General			
<b>Software Compatibility</b>	INFINIAS CLOUD, INFINIAS Essentials, INFINIAS Professional, INFINIAS Corporate	<b>Authentication and Encryption</b>	TLS1.2, AES256 encryption, SHA256 certificate, AES-128, AES-192, SHA-224, and SHA-512. OSDP support for OSDP reader
<b>Cards</b>	8,000 in Web Mode 64,000 with INFINIAS	<b>History</b>	16,000 transactions (Web Mode) Unlimited when connected to software
<b>Readers</b>	2 Wiegand or 2 OSDP	<b>Doors</b>	1
<b>Schedules</b>	255	<b>Holidays</b>	48
<b>Power</b>	Direct from PoE switch (15.4 watts) External power supply (24 VDC, 1 A)	<b>Communication</b>	Ethernet 10/100Mbps
<b>Max Distance</b>	100 m (328 ft)	<b>Warranty</b>	3 Year Replacement

Readers					
<b>Power</b>	12 VDC at 250 mA per reader	<b>Types</b>	Wiegand, OSDP	<b>Wire</b>	6 conductor Wiegand, 4 conductor OSDP

Inputs			
<b>1-4</b>	1 door position input, 3 configurable inputs, contact closure or transistor-transistor logic (TTL), with optional end of line resistor (EOLR) supervision		
<b>Tamper</b>	Integrated infrared tamper	<b>Wire</b>	2 conductor, 2,000 ft

Outputs			
<b>1 and 2</b>	Open collector outputs with electronic overload protection (max 450 mA at 12 VDC)*	<b>3</b>	Form C, SPDT relay output with configurable initial state (max 5 A at 26 V)
<b>4</b>	Built-in warning buzzer or alarm tone generator (max 80 dB)	<b>Reader</b>	LED output Buzzer output
<b>Wire</b>	2 conductor, 2,000 ft	<b>Maximum total of all output power from the EIDC+</b>	750 mA
<b>Maximum output to either reader</b>	250 mA	<b>Maximum output from the combined open collectors</b>	Whichever of the following is less: 450 mA or 750 mA less the sum of the readers

Physical			
<b>Dimensions</b>	1.30" D x 1.70" W x 2.82" H (3.30 x 4.32 x 7.16 cm)	<b>Enclosure</b>	2.84" D x 4.30" W x 4.30" H (7.20 x 10.90 x 10.90 cm)
<b>Plaster Ring</b>	0.48" D x 4.75" W x 4.75" H (1.20 x 12.10 x 12.10 cm)	<b>Cover Plate</b>	0.48" D x 4.75" W x 4.75" H (1.20 x 12.10 x 12.10 cm)
<b>Unit Weight</b>	3.7 oz (105 g)	<b>Shipping Weight</b>	1.0 lb (0.45 kg) approximately

Environmental			
<b>Operating Temperature</b>	32° to 120°F (0° to 49°C)	<b>Storage Temperature</b>	-40° to 150°F (-40° to 66°C)
<b>Humidity</b>	0% to 85% relative, noncondensing	<b>Certifications</b>	FCC part 15, Class A, UL 294, ROHS

WIRING DIAGRAM

