

# Intelli-M® eIDC

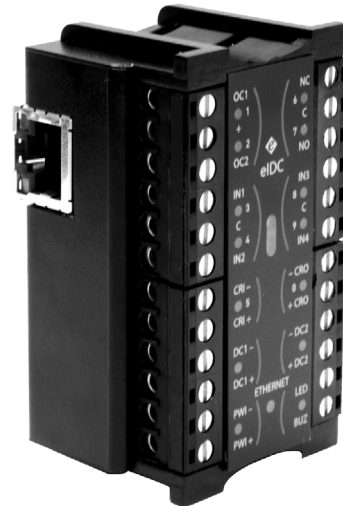
## ETHERNET-ENABLED INTEGRATED DOOR CONTROLLER

### Product Features

- PoE (Power over Ethernet) Carries Both Data and Power for the Controller and Peripheral Door Hardware
- Peer-to-Peer Communication Keeps Data Flowing Even if a Server Connection is Interrupted
- 100% Distributed Intelligence
- Small Form Factor Makes Installation in Tight Spaces Easy
- 4-State Alarm Monitoring for Supervised Normally Open, Supervised Normally Closed, Non-Supervised Normally Open, and Non-Supervised Normally Closed
- Anti-Passback
- Supports a Local Database of 1,500 Card Holders\*
- 16,000 Local Event Buffering
- 2 Reader Ports Support Proximity Readers, with or Without Keypads, or Any Logic Device, Such as an Egress Button or REX Device, Providing a Combination of Control for Both Entrance and Exit for a Single Door
- Supports DHCP and Static IP Addresses
- AES (Advanced Encryption Standard) 128-bit Encryption
- Embedded Web Server Provides Complete Control of the Device Without the Need for a Server for Stand-Alone Doors

The **Pelco Intelli-M® eIDC** Ethernet-enabled integrated door controller is among the first PoE access control system controllers launched in the security industry that provides fully distributed intelligence for access control and alarm monitoring. This cutting-edge Ethernet-enabled door controller is packed with powerful features that can fit in a small, compact 2-gang box to control all peripheral door hardware.

Easy to install and program, this **Intelli-M eIDC** controller operates autonomously with true peer-to-peer communication, independent of a network or PC workstation and is designed to minimize the impact of any component failure. Connections to peripheral equipment can



- Integrated, Nonmechanical, Infrared Tamper Sensor for High Reliability and Precision
- Built-in Warning Buzzer Provides a Local Alarm Without Requiring an External Alarm Device

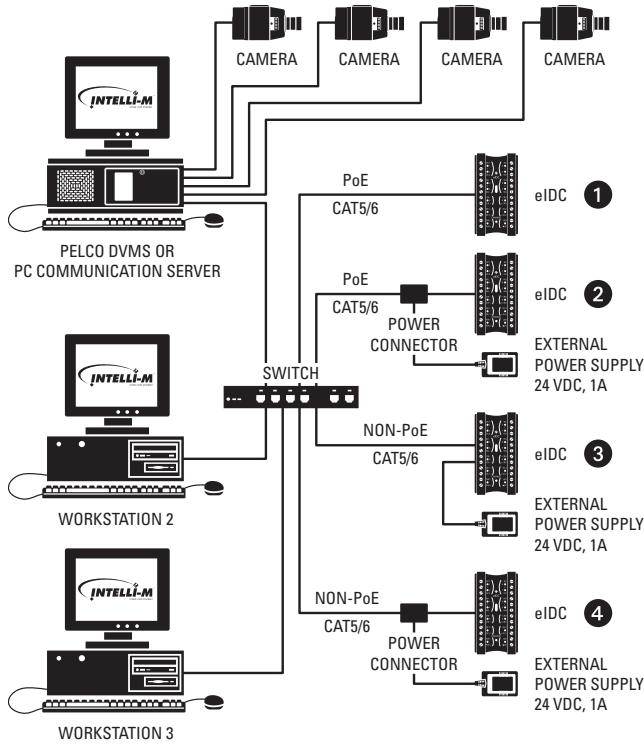
be verified on the spot using built-in line status indicators. The **Intelli-M eIDC** controller can operate independently with its embedded Web server or with several **Intelli-M eIDC** controllers through the server-based Intelli-M Supervisor Plus® security management software.

Intelli-M Supervisor Plus software provides a scalable, full-featured management tool suitable for small and large installations with video capabilities fully integrated on a single platform. The **Intelli-M eIDC** delivers a compact, powerful, and versatile security solution to meet your access control requirements.

\*Consult a Pelco Product Support Engineer for installations with more than 1,500 cardholders.



# TECHNICAL SPECIFICATIONS

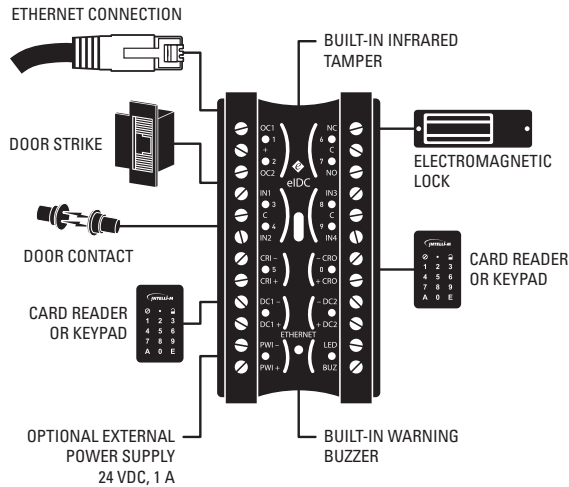


**SIMPLE SYSTEM CONFIGURATION**

## Power Options

- 1 Using PoE, run directly from switch to eIDC.
- 2 Using PoE, run directly from switch to PCON, use PCON for power injection, and then to eIDC.
- 3 Using non-PoE, run directly from switch to eIDC and inject power at the installation site through the external power supply ports on the eIDC.
- 4 Using non-PoE, run from switch to PCON, use PCON for power injection, and then to eIDC.

**Note:** The server and client workstations must meet the minimum system requirements for Intelli-M and DigitalSENTRY® software.



**SAMPLE DOOR CONFIGURATION**

**IMPORTANT NOTE: PLEASE READ.** The network implementation is shown as a general representation only and is not intended to show a detailed network topology. Your actual network will differ, requiring changes or perhaps additional network equipment to accommodate the system as illustrated. Please contact your local Pelco Representative to discuss your specific requirements.

# TECHNICAL SPECIFICATIONS

## CONTROLLER CAPACITY

Reader	2
Doors	1
Cards	1,500 (consult a Pelco Product Support Engineer for installations with more than 1,500 cardholders)
History	16,000 transactions
Schedules	240
Holidays	48
Inputs	4
Outputs	4

## READER TECHNOLOGY SUPPORTED

Wiegand Format

## GENERAL

Power	Direct from PoE switch external power supply (24 VDC, 1 A)
Power Options	
PoE	Run from Ethernet hub to PCON, and then to eIDC
Non-PoE	Run from Ethernet hub to PCON, use PCON for power injection, and then use PoE from PCON to eIDC
Non-PoE	Run directly from Ethernet hub to eIDC and inject power at the installation site through the external power supply ports on the eIDC
Communication	Ethernet, 10BASE-T
Maximum Distance	100 m (328 ft)
Cable	
Host to controller	Cat5, Cat5e, Cat6
Controller to reader	6 conductors, 500 ft (152 m)
Controller to door strike	2 conductors, 2,000 ft (609 m)
Controller to door contact	2 conductors, 2,000 ft (609 m)
Controller to REX	2 conductors, 2,000 ft (609 m)
Controller to inputs	2 conductors, 2,000 ft (609 m)
Reader Ports	2
Reader Power	12 VDC at 250 mA per reader port*
Reader Types	Standard Wiegand
Inputs	4 configurable inputs (contact closure or TTL) with optional EOLR supervision, plus integrated infrared tamper
Outputs	3 definable outputs plus a built-in device warning buzzer, reader LED output, and a reader buzzer output
Outputs 1 & 2	Open collector outputs with electronic overload protection (max 450 mA @ 12 VDC)*
Output 3	Form C, SPDT relay out put with configurable initial state (max 5 A @ 30 VDC)
Output 4	Built-in warning buzzer or alarm tone generator (max 85 dB)

\*eIDC provides 750 mA of continuous power.

## PHYSICAL

Dimensions	1.30" D x 1.70" W x 2.82" H (3.30 x 4.32 x 7.16 cm)
Quick Mount Assembly Kit Enclosure	2.84" D x 4.30" W x 4.30" H (7.20 x 10.9 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 Temperature	32° to 120°F (0° to 49°C)
Storage Temperature	-40° to 150°F (-40° to 66°C)
Humidity	0% to 85% relative, noncondensing

## CERTIFICATIONS

- CE, Class A
- UL 294 Listed, Security Mark
- FCC part 15, Class A
- RoHS

# TECHNICAL SPECIFICATIONS

## STANDARD MODELS

S-EIDC-U	Ethernet-enabled integrated door controller
S-EIDC-UP	Ethernet-enabled integrated door controller with power connector

## DOOR KIT MODELS

Model Number	Description	Contents of Kit
S-EIDC-KIT-01XP	eIDC 1 Wiegand Door Kit	1, eIDC controller and power connector 5, ProxCard® II Wiegand 26-bit cards 1, surface mount box 1, XceedID® XF1050 prox reader 1, Supervisor Plus software 1 short arm security hex key
S-EIDC-KIT-01XS	eIDC 1 Wiegand Smart Card Door Kit	1, eIDC controller and power connector 5, XceedID XF9520 smart cards 1, surface mount box 1, XceedID XF1060 smart card reader 1, Supervisor Plus software 1, short arm security hex key
S-EIDC-KIT-02XP	eIDC 2 Wiegand Door Kit	2, eIDC controllers and power connectors 5, ProxCard II Wiegand 26-bit cards 2, surface mount box 2, XceedID XF1050 prox readers 1, Supervisor Plus software 1, short arm security hex key
S-EIDC-KIT-02XS	eIDC 2 Wiegand Smart Card Door Kit	2, eIDC controllers and power connectors 5, XceedID XF9520 smart cards 2, surface mount box 2, XceedID XF1060 smart card readers 1, Supervisor Plus software 1, short arm security hex key
S-EIDC-KIT-04XP	eIDC 4 Wiegand Door Kit	4, eIDC controllers and power connectors 5, ProxCard II Wiegand 26-bit cards 4, surface mount box 4, XceedID XF1050 prox readers 1, Supervisor Plus software 1, short arm security hex key
S-EIDC-KIT-04XS	eIDC 4 Wiegand Smart Card Door Kit	4, eIDC controllers and power connectors 5, XceedID XF9520 smart cards 4, surface mount box 4, XceedID XF1060 smart card readers 1, Supervisor Plus software 1, short arm security hex key

Model Number	Description	Contents of Kit
S-EIDC-KIT-08XP	eIDC 8 Wiegand Door Kit	8, eIDC controllers and power connectors 5, ProxCard II Wiegand 26-bit cards 8, surface mount box 8, XceedID XF1050 prox readers 1, Supervisor Plus software 1, short arm security hex key
S-EIDC-KIT-08XS	eIDC 8 Wiegand Smart Card Door Kit	8, eIDC controllers and power connectors 5, XceedID XF9520 smart cards 8, surface mount box 8, XceedID XF1060 smart card readers 1, Supervisor Plus software 1, short arm security hex key
S-EIDC-ADDKITXP	eIDC Wiegand Add On Door Kit	1, eIDC controller and power connector 1, surface mount box 1, XceedID XF1050 prox reader
S-EIDC-ADDKITXS	eIDC Wiegand Smart Card Add On Door Kit	1, eIDC controller and power connector 1, surface mount box, 1, XceedID XF1060 smart card reader
S-EIDC-DEMO-XCP	eIDC 1 Wiegand Door Demo Kit	1, eIDC controller and power connector 2, ProxCard II Wiegand 26-bit cards 1, surface mount box 1, XceedID XF1050 prox reader 1, Supervisor Plus software 1, short arm security hex key
S-EIDC-DEMO-XCS	eIDC 1 Wiegand Door Smart Card Demo Kit	1, eIDC controller and power connector 2, XceedID XF9520 smart cards 1, surface mount box 1, XceedID XF1060 smart card reader 1, Supervisor Plus software 1, short arm security hex key



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