



#### Features:

- Embedded User Interface no external software requirement.
- Remotely managed using standard web browser.
- Connect to any Wiegand or Hi-O reader.
   Supports up to 2 readers (purchase of additional add-on boards may be required).
- Web Browser Security uses SSL 3.0
   (Secure Socket Layer) and TLS 3.1(Transport
   Layer Security) to establish a secure web
   browser connection.
- Network Configuration Works within DHCP or Static IP networks for plug and play installation.
- Multi Language Support Supports the following languages: English, French, German, Spanish (International), Russian, Portuguese (Brazilian), Italian, Chinese (Simplified), Japanese, Korean, Dutch and
- All-in-One UI Page "Door Dashboard" accesses door commands, status, alarms, and recent events from all screens.
- Back-up and restore of data from user PC.
- User upgradable firmware.
- Manages Card only, PIN only, Card and PIN transactions.
- Manages up to 1000 cardholders/ credentials.
- Manages 8 schedules and 3 intervals each day.
- View last 5000 events.
- Standardized report generation, including CSV export
- First Person In (Snow day) and PIN suppression schedules.
- Built-in 802.3af Power over Ethernet (PoE), with 9.6 W available for readers, external field devices and locking hardware.
- Wet or dry door relays, including 12 or 24 VDC wet relay lock support.
- Interface to Hi-O door hardware and Hi-O compliant readers provides streamlined and smart installation.

# IP INTELLIGENCE AT THE DOOR INCORPORATING ANY READER FOR STAND-ALONE APPLICATIONS

- Cost-Effective Uses Power over Ethernet (PoE) to power reader and door strike. Eliminates the need for separate power supplies for many situations.
- Remote Management Managed over the network through a standard web browser. No software installation necessary.
- True Flexibility Attach any Wiegand access control reader; use Hi-O iCLASS readers for added security.
- Scalable Can be remotely reconfigured through the web browser from stand-alone operation to a system controller in a host environment of multiple controllers.

HID Global's EDGE EVO\* Solo ESH400-K
Controller is a cost-effective, stand-alone,
single-door IP -enabled access control solution
that distributes intelligence right to the door.
EDGE EVO Solo provides the ability to power
all devices around a door using Power over
Ethernet (PoE), significantly reducing total door
installation costs by removing the need to install
a separate power supply. It also utilizes less
expensive CAT5 wiring compared to traditional
structured cable.

Because the user interfaces to the controller utilizes a standard web browser, there is no need to install software on a PC. After the controller is plugged into the local area network (LAN), it obtains its IPv4 address using DHCP or Static addressing. The user simply types the IP address into the web browser, which initiates a secure connection with the stand-alone panel. The All-in-One Door Dashboard provides a simple user interface where the site administrator can add user information, modify access rights, pull history reports, monitor door activity and provide general administration of the controller.

The easy-to-use user interface enables a number of simple access controller management features. The solution also enables electronic access control for sites with one or two doors and a card population of 10's or 100's of cards.

The flexible ESH400-K Controller offers a wide range of card to reader interoperability. With a separately connected reader, the ESH400-K is a perfect solution for migrating existing reader installations to the "edge" of the network. The controller connects to any Wiegand reader, providing the flexibility to choose card/reader technology such as iCLASS SE or to use existing card and reader populations already on site.

Built on HID Global's OPIN® development platform, EDGE EVO Solo can be remotely reconfigured through the web browser from stand-alone operation to a system controller in a host environment of multiple controllers.



#### **Mounting Options:**

Always mount in environmentally protected and secure area.

- US Single/Double-gang style electrical
- EU/APAC 60mm round style electrical
- Reverse Mount Accessory available for flush mount in cabinet.

Non-latching wet/dry relay outputs for:

- 1 door strike.
- 1 auxiliary device: door held/forced alarm, alarm shunt, host offline (communications down), or general purpose.

#### Inputs for:

- Door monitor switch.\*\*
- Request-to-Exit switch.\*\*
- AC Fail Monitor.
- Battery Fail Monitor.
- Enclosure Tamper.

#### Access control readers:

Up to 2 Wiegand or Hi-O iCLASS Readers.\*\*

#### Easily Interfaced:

- RJ-45 connector for Ethernet TCP/IP (10/100 Mbps).
- Quick-disconnect screw terminal connectors.
- Software updates easily provided through browser interface
- Easily upgrades to a hosted software solution through the network interface.

\*Can be configured as a general purpose input

Hi-O iCLASS readers, (b) 1 x Wiegand and 1 x Hi-O separate purchase of additional Wiegand module model EWM-M).



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## SPECIFICATIONS

Model (and Part #)  Mounting Holes  Dimensions  (6.1" W x 4.8" H x 15" D (154.9 mm x 1225 mm x 571 mm)  Weight  Housing Material  Audio / Visual Indicators  Operating Temperature  Operating Temperature  Operating Temperature  Communication Ports  Certifications*  Certifications*  Certifications*  Certifications*  Certifications*  Communication Ports  UL294 (US) Listed Component, CSA 205 (Canada), FCC Class A (US), 1GE5-003 class A (Canada), CE Mark End, CE Was Solida (EU), C-Tick AS/NZS CISPR 22 (Australia, New Zealand) & SOLID (EU), C-Tick AS/NZS CISPR 22 (Australia, New Zealand) & Marranty  DC Input (MAX) @ POE  DC Input (MAX) @ AUX		
Dimensions	Model (and Part #)	ESH400-K (83000CKE)
Weight   11.3oz (320g)	Mounting Holes	US Double-gang, US Single-gang and EU / APAC 60mm
Housing Material  Audio / Visual Indicators  Operating Temperature  Operating Temperature  Operating Temperature  Operating Storage Temperature  Operating Storage Temperature  Operating Storage Temperature  -67* to 185* F (-55* to 85* C)  Communication Ports  Ethernet (10/100), Hi-O CANbus, Wiegand or Clock-and-Data  UL294 (US) Listed Component, CSA 205 (Canada), FCC Class A (US), ICE-Good Stass A (Canada), EC Mark E N 301 489* 5 EN 55022 EN 50130-4 (EU), C-Tick AS/NZS CISPR 22 (Australia, New Zealand) & Korea (KCC)  Warranty  Warranty  Warrantied against defects in materials and workmanship for 18 months (see complete warranty policy for details).  Input Power  DC Input (MAX) @ AUX	Dimensions	
Audio / Visual indicators  Operating Temperature  Operating Humidity  Storage Temperature  Operating Humidity  Storage Temperature  Communication Ports  Ethernet (10/100), Hi- O CANbus, Wiegand or Clock-and-Data  UL294 (US) Listed Component, CSA 205 (Canada), FCC Class A (US), ICES-003 class A (Canada), CE Mark EN 301 489-3 EN 55022 EN 50130-4 (EU), C-Tick AS/NZS CISPR 22 (Australia, New Zealand) & Korea (KCC)  Warranty  Warranty  DC Input (MAX) @ POE  DC Input (MAX) @ AUX +12VDC  DC Input (MAX) @ AUX +24VDC  Supervised Inputs Power (MAX)  OLI Input @ AUX +24VDC  DC Input @ AUX +24VDC  AUX +24VDC  DC Input @ AUX +24VDC  DC Input @ AUX +24VDC  AUX +24VDC  DC Input @ AUX +24VDC  AUX +24VDC  AUX +24VDC  DC Input @ AUX +24VDC  AUX +24VDC  DC Input @ AUX +24VDC  AUX +24VDC  DC Input @ AUX +24VDC	Weight	11.3oz (320g)
Operating Temperature	Housing Material	UL94 polycarbonate
Operating Humidity   5% to 95% relative, non-condensing	Audio / Visual Indicators	Two LEDs on RJ-45 port for network; beeper for boot and tamper
Storage Temperature	Operating Temperature	32° to 122° F (0° to 50° C)
Communication Ports  Ethernet (10/100), Hi-O CANbus, Wiegand or Clock-and-Data  UL294 (US) Listed Component, CSA 205 (Canada), FCC Class A (US), ICES-003 Class A (Canada), CE Mark EN 301 489-3 EN 55022 EN 50130-4 (EU), C-flick AS/NZS CISRY 22 (Australia, New Zealand) & Korea (KCC)  Warranty  Warranty  Warranty  Warranty  DC Input (MAX) @ PoE  DC Input (MAX) @ AUX +12VDC  DC Input (MAX) @ AUX +12VDC  DC Input (MAX) @ AUX +24VDC  Supervised Inputs Power (MAX) for total system (all field devices)  DC Input @ PoE  DC Input @ PoE  DC Input @ AUX +12VDC  Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Wet Output (@24VDC)  AUX +VOC  Output Power (MAX) for individual field devices, DC Input = INPUE  Hi-O Device on CANbus  14.4W (1200mA @ 12VDC)  Wet Output (@12VDC)  Wet Output (@24VDC)  AUX +VDC  Output Power (MAX) for individual field devices, DC Input = INPUE  Hi-O Device on CANbus  14.4W (1200mA @ 12VDC)  Wet Output (@24VDC)  AUX +VDC  Output Power (MAX) for individual field devices, DC Input = INPUE  Hi-O Device on CANbus  Wiegand / C&D Reader  3.9W (320mA @ 1225VDC)  Wet Output (@24VDC)  AUX +VDC  Output Power (MAX) for individual field devices, DC Input = INPUE  Hi-O Device on CANbus  28.8W (1200mA @ 1225VDC)  Wet Output (@24VDC)  AUX +VDC  BLAW (700mA @ 12VDC)  BLAW (700mA @ 12VDC)  Wet Output (@24VDC)  Relay Rating  Relay Contact Rating	Operating Humidity	5% to 95% relative, non-condensing
Certifications*  Certifications*  Certifications*  Certifications*  Certifications*  Certifications*  Certifications*  Certifications*  UL294 (US) Listed Component, CSA 205 (Canada), FCC Class A (US), ICES-003 Class A (Canada), CE Mark EN 301 489-3 EN 55022 EN 50130-4 (EU), C-Tick AS/NZS CISER 22 (Australia, New Zealand) & Korea (KCC)  Warranty  Warranty  DC Input (MAX) @ POE  DC Input (MAX) @ AUX +12VDC  DC Input (MAX) @ AUX +12VDC  DC Input (MAX) @ AUX +24VDC  Supervised Inputs Power (MAX) for total system (all field devices)  DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  DC Input @ AUX +24VDC  DC Input @ AUX +24VDC  DC Input = POE  Hi-O CANbus Output Voltage, DC Input = POE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Power (MAX) for individual field devices, DC Input = POE  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@24VDC)  Wet Output (@12VDC)  AUX +04VDC  BAW (360mA @ 12VDC)  Wet Output (@12VDC)  AUX +04VDC  AUX +04VDC  BAW (360mA @ 12VDC)  Wet Output (@12VDC)  AUX +04VDC  BAW (700mA @ 12VDC)  Wet Output (@12VDC)  AUX +04VDC  BAW (700mA @ 12VDC)  Wet Output (@12VDC)  Relay Rating  Relay Contact Rating	Storage Temperature	-67° to 185° F (-55° to 85° C)
Certifications*  ICES-003 Class A (Canada), CE Mark EN 301 489-3 EN 55022 EN 50130-4 (EU), C-Tick AS/NZS CISPR 22 (Australia, New Zealand) & Korea (KCC)  Warranty  Warranty  Marrantied against defects in materials and workmanship for 18 months (see complete warranty policy for details).  Input Power  DC Input (MAX) @ POE  14.4W (300mA @ 48VDC)  DC Input (MAX) @ AUX +24VDC  DC Input (MAX) @ AUX +24VDC  Supervised Inputs Power (MAX)  Output Power (MAX) for total system (all field devices)  DC Input @ POE  DC Input @ AUX +12VDC  14.4W  DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  DC Input @ AUX +24VDC  DC Input @ AUX +2VDC  DC Input @ AUX +2VDC  AUX +4VDC  DC Input @ AUX +4VDC  DC Input @ AUX +2VDC  AUX +4VDC  DC Input @ AUX +4VDC  B (AUX +4VDC  AUX +4VDC  AUX +4VDC  We CANbus Output Voltage, DC Input = POE  HI-O CANbus Output Voltage, DC Input = AUX  Wiegand / C&D Reader  Hi-O Device on CANbus  Wiegand / C&D Reader  AUX +2VDC  Wet Output (@24VDC)  AUX +2VDC  Wet Output (@12VDC)  AUX +2VDC  AUX +	Communication Ports	Ethernet (10/100), Hi-O CANbus, Wiegand or Clock-and-Data
Marranty   Month's (see complete warranty policy for details).   Input Power	Certifications*	ICES-003 Class A (Canada), CE Mark EN 301 489-3 EN 55022 EN 50130-4 (EU), C-Tick AS/NZS CISPR 22 (Australia, New Zealand) &
DC   Input (MAX) @ POE	Warranty	
DC Input (MAX) @ AUX		Input Power
#12VDC  DC Input (MAX) @ AUX +24VDC  Supervised Inputs Power (MAX)  Output Power (MAX) for total system (all field devices)  DC Input @ POE  DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  DC Input @ AUX +24VDC  DC Input @ AUX +24VDC  DC Input = POE  Hi-O CANbus Output Voltage, DC Input = POE  Hi-O CANbus Output Voltage, DC Input = POE  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Wet Output (@24VDC)  Hi-O Device on CANbus  14.4W  DC Input = AUX  Output Power (MAX) for individual field devices, DC Input = POE  Hi-O Device on CANbus  9.6W (400mA @ 24VDC)  Wet Output (@12VDC)  B.6W (580mA @ 12.25VDC)  Wet Output (@24VDC)  A.6W (360mA @ 24VDC)  Hi-O Device on CANbus  14.4W (1200mA @ 12VDC)  Wiegand / C&D Reader  14.4W (1200mA @ 12VDC)  Wet Output (@12VDC)  A.9W (320mA @ 12.25VDC)  Wet Output Power (MAX) for individual field devices, DC Input = 24VDC  Wiegand / C&D Reader  7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC)  B.8W (1200mA @ 12.25VDC)  Wet Output (@12VDC)  B.8W (700mA @ 12.25VDC)  Wet Output (@12VDC)  B.8W (700mA @ 12.25VDC)  Wet Output (@24VDC)  Relay Rating  Relay Contact Rating	DC Input (MAX) @ PoE	14.4W (300mA @ 48VDC)
Supervised Inputs Power (MAX)  O.025W (5mA sink, 5V nominal) 0 to +5VCD Ref  Output Power (MAX) for total system (all field devices)  DC Input @ POE  9.6W  DC Input @ AUX +12VDC  14.4W  DC Input @ AUX +24VDC  28.8W  Hi-O CANbus Output Voltage,		18W (1500mA @ 12VDC)
Output Power (MAX) for total system (all field devices)  DC Input @ PoE  9.6W  DC Input @ AUX +12VDC  14.4W  DC Input @ AUX +24VDC  28.8W  Hi-O CANbus Output Voltage,		36W (1500mA @ 24VDC)
DC Input @ POE  DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  BE AUX +24VDC  DC Input = POE  Hi-O CANbus Output Voltage,		0.025W (5mA sink, 5V nominal) 0 to +5VCD Ref
DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  28.8W  Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Power (MAX) for individual field devices, DC Input = PoE  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Wet Output (@24VDC)  Hi-O Device on CANbus  14.4W (1200mA @ 12VDC)  Wiegand / C&D Reader  3.9W (320mA @ 12.25VDC)  Wiegand / C&D Reader  3.9W (320mA @ 12.25VDC)  Wet Output (@12VDC)  A.4W (1200mA @ 12VDC)  Wet Output (@12VDC)  Wet Output (@12VDC)  A.4W (700mA @ 12VDC)  Wet Output (@12VDC)  A.4W (700mA @ 12VDC)  Wet Output C@12VDC)  Wet Output C@12VDC)  A.4W (700mA @ 12VDC)  Wet Output C@12VDC)  Wet Output C@12VDC)  A.4W (700mA @ 12VDC)  Wet Output (@12VDC)  Wet Output (@12VDC)  A.4W (700mA @ 12VDC)  Wet Output (@12VDC)  Wet Output (@12VDC)  A.4W (700mA @ 12VDC)  Wet Output (@24VDC)  Relay Rating  Relay Contact Rating	Output	Power (MAX) for total system (all field devices)
DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Power (MAX) for individual field devices, DC Input = PoE  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Wet Output (@24VDC)  Hi-O Device on CANbus  14.4W (1200mA @ 12VDC)  Wiegand / C&D Reader  3.9W (320mA @ 1225VDC)  Wet Output (@12VDC)  Wet Output Power (MAX) for individual field devices, DC Input = 12VDC  Hi-O Device on CANbus  14.4W (1200mA @ 12VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wiegand / C&D Reader  7.3W (600mA @ 24VDC)  Wiegand / C&D Reader  7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wet Output (@12VDC)  16.8W (700mA @ 24VDC)  Relay Rating  Relay Contact Rating		
Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Power (MAX) for individual field devices, DC Input = PoE  Hi-O Device on CANbus  9.6W (400mA @ 24VDC)  Wiegand / C&D Reader  7.1W (580mA @ 12.25VDC)  Wet Output (@12VDC)  6.9W (580mA @ 12VDC)  Wet Output (@24VDC)  8.6W (360mA @ 24VDC)  Output Power (MAX) for individual field devices, DC Input = 12VDC  Hi-O Device on CANbus  14.4W (1200mA @ 12VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Output Power (MAX) for individual field devices, DC Input = 24VDC  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Hi-O Device on CANbus  28.8W (1200mA @ 24VDC)  Wiegand / C&D Reader  7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wet Output (@12VDC)  16.8W (700mA @ 24VDC)  Relay Rating	DC Input @ PoE	9.6W
Hi-O CANbus Output Voltage, DC Input = AUX  Output Power (MAX) for individual field devices, DC Input = POE  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Hi-O Device on CANbus  Output Power (MAX) for individual field devices, DC Input = POE  Wet Output (@24VDC)  Wet Output (@24VDC)  A.6W (360mA @ 12.25VDC)  Wet Output Power (MAX) for individual field devices, DC Input = 12VDC  Hi-O Device on CANbus  14.4W (1200mA @ 12.25VDC)  Wet Output (@12VDC)  A.4W (700mA @ 12VDC)  Output Power (MAX) for individual field devices, DC Input = 24VDC  Hi-O Device on CANbus  28.8W (1200mA @ 24VDC)  Wiegand / C&D Reader  7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12.25VDC)  Wet Output (@12VDC)  Relay Rating  Relay Contact Rating		
Output Power (MAX) for individual field devices, DC Input = PoE  Hi-O Device on CANbus 9.6W (400mA @ 24VDC) Wiegand / C&D Reader 7.1W (580mA @ 12.25VDC) Wet Output (@12VDC) 6.9W (580mA @ 12VDC) Wet Output (@24VDC) 8.6W (360mA @ 24VDC) Output Power (MAX) for individual field devices, DC Input = 12VDC  Hi-O Device on CANbus 14.4W (1200mA @ 12VDC) Wet Output (@12VDC) 8.4W (700mA @ 12VDC) Wet Output (@12VDC) A.4W (700mA @ 12VDC)  Wet Output Power (MAX) for individual field devices, DC Input = 24VDC  Hi-O Device on CANbus 28.8W (1200mA @ 24VDC) Wiegand / C&D Reader 7.3W (600mA @ 12.25VDC) Wet Output (@12VDC) 8.4W (700mA @ 12VDC) Wet Output (@12VDC) 16.8W (700mA @ 12VDC)  Wet Output (@24VDC) Relay Rating	DC Input @ AUX +12VDC	14.4W
### Hi-O Device on CANbus  ### Gand / C&D Reader  ### Gand / C&D Rea	DC Input @ AUX +12VDC DC Input @ AUX +24VDC Hi-O CANbus Output Voltage,	14.4W 28.8W
Wiegand / C&D Reader 7.1W (580mA @ 12.25VDC)  Wet Output (@12VDC) 6.9W (580mA @ 12VDC)  Wet Output (@24VDC) 8.6W (360mA @ 24VDC)  Output Power (MAX) for individual field devices, DC Input = 12VDC  Hi-O Device on CANbus 14.4W (1200mA @ 12VDC)  Wiegand / C&D Reader 3.9W (320mA @ 12.25VDC)  Wet Output (@12VDC) 8.4W (700mA @ 12VDC)  Output Power (MAX) for individual field devices, DC Input = 24VDC  Hi-O Device on CANbus 28.8W (1200mA @ 24VDC)  Wiegand / C&D Reader 7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC) 8.4W (700mA @ 12VDC)  Wet Output (@12VDC) 16.8W (700mA @ 24VDC)  Relay Rating  Relay Contact Rating	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage,	14.4W 28.8W 24VDC
Wet Output (@12VDC)  Wet Output (@24VDC)  8.6W (360mA @ 24VDC)  Output Power (MAX) for individual field devices, DC Input = 12VDC  Hi-O Device on CANbus  14.4W (1200mA @ 12VDC)  Wiegand / C&D Reader  3.9W (320mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Output Power (MAX) for individual field devices, DC Input = 24VDC  Hi-O Device on CANbus  28.8W (1200mA @ 24VDC)  Wiegand / C&D Reader  7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wet Output (@12VDC)  16.8W (700mA @ 24VDC)  Relay Rating  Relay Contact Rating	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage,	14.4W 28.8W 24VDC AUX +VDC
Wet Output (@24VDC)  Output Power (MAX) for individual field devices, DC Input = 12VDC  Hi-O Device on CANbus  14.4W (1200mA @ 12VDC)  Wiegand / C&D Reader  3.9W (320mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Output Power (MAX) for individual field devices, DC Input = 24VDC  Hi-O Device on CANbus  28.8W (1200mA @ 24VDC)  Wiegand / C&D Reader  7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wet Output (@24VDC)  16.8W (700mA @ 24VDC)  Relay Rating  Relay Contact Rating	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage,	14.4W 28.8W 24VDC AUX +VDC er (MAX) for individual field devices, DC Input = PoE
Output Power (MAX) for individual field devices, DC Input = 12VDC  Hi-O Device on CANbus  14.4W (1200mA @ 12VDC)  Wiegand / C&D Reader  3.9W (320mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Output Power (MAX) for individual field devices, DC Input = 24VDC  Hi-O Device on CANbus  28.8W (1200mA @ 24VDC)  Wiegand / C&D Reader  7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wet Output (@24VDC)  16.8W (700mA @ 24VDC)  Relay Rating  Relay Contact Rating	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage,	14.4W 28.8W 24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE 9.6W (400mA @ 24VDC)
Hi-O Device on CANbus  14.4W (1200mA @ 12VDC)  Wiegand / C&D Reader  3.9W (320mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Output Power (MAX) for individual field devices, DC Input = 24VDC  Hi-O Device on CANbus  28.8W (1200mA @ 24VDC)  Wiegand / C&D Reader  7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wet Output (@24VDC)  Relay Rating  Relay Contact Rating	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Pow  Hi-O Device on CANbus  Wiegand / C&D Reader	14.4W 28.8W 24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE 9.6W (400mA @ 24VDC) 7.1W (580mA @ 12.25VDC)
Wiegand / C&D Reader 3.9W (320mA @ 12.25VDC)  Wet Output (@12VDC) 8.4W (700mA @ 12VDC)  Output Power (MAX) for individual field devices, DC Input = 24VDC  Hi-O Device on CANbus 28.8W (1200mA @ 24VDC)  Wiegand / C&D Reader 7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC) 8.4W (700mA @ 12VDC)  Wet Output (@24VDC) 16.8W (700mA @ 24VDC)  Relay Rating  Relay Contact Rating 2A @ 30VDC	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage,	14.4W 28.8W 24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE 9.6W (400mA @ 24VDC) 7.1W (580mA @ 12.25VDC) 6.9W (580mA @ 12VDC)
Wet Output (@12VDC)  0utput Power (MAX) for individual field devices, DC Input = 24VDC  Hi-O Device on CANbus  28.8W (1200mA @ 24VDC)  Wiegand / C&D Reader  7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wet Output (@24VDC)  16.8W (700mA @ 24VDC)  Relay Rating  Relay Contact Rating	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage,	14.4W 28.8W 24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE 9.6W (400mA @ 24VDC) 7.1W (580mA @ 12.25VDC) 6.9W (580mA @ 12VDC) 8.6W (360mA @ 24VDC)
Output Power (MAX) for individual field devices, DC Input = 24VDC  Hi-O Device on CANbus  28.8W (1200mA @ 24VDC)  Wiegand / C&D Reader  7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wet Output (@24VDC)  16.8W (700mA @ 24VDC)  Relay Rating  Relay Contact Rating	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Pow  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Wet Output (@24VDC)	14.4W 28.8W 24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE 9.6W (400mA @ 24VDC) 7.1W (580mA @ 12.25VDC) 6.9W (580mA @ 12VDC) 8.6W (360mA @ 24VDC) r (MAX) for individual field devices, DC Input = 12VDC
Hi-O Device on CANbus  28.8W (1200mA @ 24VDC)  Wiegand / C&D Reader  7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC)  8.4W (700mA @ 12VDC)  Wet Output (@24VDC)  16.8W (700mA @ 24VDC)  Relay Rating  Relay Contact Rating	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Pow  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Wet Output (@24VDC)  Output Powe  Hi-O Device on CANbus	14.4W 28.8W 24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE 9.6W (400mA @ 24VDC) 7.1W (580mA @ 12.25VDC) 6.9W (580mA @ 12VDC) 8.6W (360mA @ 24VDC) r (MAX) for individual field devices, DC Input = 12VDC 14.4W (1200mA @ 12VDC)
Wiegand / C&D Reader 7.3W (600mA @ 12.25VDC)  Wet Output (@12VDC) 8.4W (700mA @ 12VDC)  Wet Output (@24VDC) 16.8W (700mA @ 24VDC)  Relay Rating  Relay Contact Rating 2A @ 30VDC	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage,	14.4W  28.8W  24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE  9.6W (400mA @ 24VDC)  7.1W (580mA @ 12.25VDC)  6.9W (580mA @ 12VDC)  8.6W (360mA @ 24VDC)  r (MAX) for individual field devices, DC Input = 12VDC  14.4W (1200mA @ 12VDC)  3.9W (320mA @ 12.25VDC)
Wet Output (@12VDC) 8.4W (700mA @ 12VDC)  Wet Output (@24VDC) 16.8W (700mA @ 24VDC)  Relay Rating  Relay Contact Rating 2A @ 30VDC	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Pow  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@24VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader	14.4W 28.8W 24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE 9.6W (400mA @ 24VDC) 7.1W (580mA @ 12.25VDC) 6.9W (580mA @ 12VDC) 8.6W (360mA @ 24VDC) r (MAX) for individual field devices, DC Input = 12VDC 14.4W (1200mA @ 12VDC) 3.9W (320mA @ 12.25VDC) 8.4W (700mA @ 12VDC)
Wet Output (@24VDC)  16.8W (700mA @ 24VDC)  Relay Rating  Relay Contact Rating  2A @ 30VDC	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Pow  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Wet Output (@24VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Output Powe  Wet Output (@12VDC)	14.4W  28.8W  24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE  9.6W (400mA @ 24VDC)  7.1W (580mA @ 12.25VDC)  6.9W (580mA @ 12VDC)  8.6W (360mA @ 24VDC)  r (MAX) for individual field devices, DC Input = 12VDC  14.4W (1200mA @ 12VDC)  3.9W (320mA @ 12.25VDC)  8.4W (700mA @ 12VDC)  r (MAX) for individual field devices, DC Input = 24VDC
Relay Rating  Relay Contact Rating  2A @ 30VDC	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Pow  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Wet Output (@24VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Output Powe  Hi-O Device on CANbus	14.4W 28.8W 24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE 9.6W (400mA @ 24VDC) 7.1W (580mA @ 12.25VDC) 6.9W (580mA @ 12VDC) 8.6W (360mA @ 24VDC) r (MAX) for individual field devices, DC Input = 12VDC 14.4W (1200mA @ 12VDC) 3.9W (320mA @ 12.25VDC) 8.4W (700mA @ 12VDC) r (MAX) for individual field devices, DC Input = 24VDC 28.8W (1200mA @ 24VDC)
Relay Contact Rating 2A @ 30VDC	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Pow  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader	14.4W 28.8W 24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE 9.6W (400mA @ 24VDC) 7.1W (580mA @ 12.25VDC) 6.9W (580mA @ 12VDC) 8.6W (360mA @ 24VDC) r (MAX) for individual field devices, DC Input = 12VDC 14.4W (1200mA @ 12VDC) 3.9W (320mA @ 12.25VDC) 8.4W (700mA @ 12VDC) r (MAX) for individual field devices, DC Input = 24VDC 28.8W (1200mA @ 24VDC) 7.3W (600mA @ 12.25VDC)
- /A (g) 50 V D ( .	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Pow  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Wet Output (@24VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)	14.4W 28.8W 24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE 9.6W (400mA @ 24VDC) 7.1W (580mA @ 12.25VDC) 6.9W (580mA @ 12.25VDC) 8.6W (360mA @ 24VDC) r (MAX) for individual field devices, DC Input = 12VDC 14.4W (1200mA @ 12VDC) 3.9W (320mA @ 12.25VDC) 8.4W (700mA @ 12VDC) r (MAX) for individual field devices, DC Input = 24VDC 28.8W (1200mA @ 24VDC) 7.3W (600mA @ 12.25VDC) 8.4W (700mA @ 1225VDC)
	DC Input @ AUX +12VDC  DC Input @ AUX +24VDC  Hi-O CANbus Output Voltage, DC Input = PoE  Hi-O CANbus Output Voltage, DC Input = AUX  Output Pow  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Wet Output (@24VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)  Output Powe  Hi-O Device on CANbus  Wiegand / C&D Reader  Wet Output (@12VDC)	14.4W 28.8W 24VDC  AUX +VDC  er (MAX) for individual field devices, DC Input = PoE 9.6W (400mA @ 24VDC) 7.1W (580mA @ 12.25VDC) 6.9W (580mA @ 12VDC) 8.6W (360mA @ 24VDC) r (MAX) for individual field devices, DC Input = 12VDC 14.4W (1200mA @ 12VDC) 3.9W (320mA @ 12.25VDC) 8.4W (700mA @ 12VDC) r (MAX) for individual field devices, DC Input = 24VDC 28.8W (1200mA @ 24VDC) 7.3W (600mA @ 12.25VDC) 8.4W (700mA @ 12VDC) 16.8W (700mA @ 12VDC)

<sup>\*</sup>For Plenum rating, install within NEMA Type 1 Enclosure

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