

PRODUCTS

HID® multiCLASS SE® RP40

Contactless smart card reader - wall switch



OVERVIEW SPECIFICATIONS

The multiCLASS SE RP40 is part of HID Global's iCLASS SE platform for adaptable, interoperable access control. Designed for multi-factor authentication door applications requiring standard wall switch mounting, multiCLASS SE RP40 supports a broad array of 13.56 MHz high frequency and 125 kHz low frequency credential technologies and a variety of form factors, including cards, fobs and mobile devices. Configurable to support HID Mobile Access®.

Key Features:

- **Adaptable** – Interoperable with a growing range of technologies (iCLASS Seos®, iCLASS SE®, iCLASS®, MIFARE® Classic, MIFARE DESFire®EV1) and form factors including mobile devices.
- **Powerfully Secure** – The iCLASS SE platform's Secure Identity Object® (SIO®) data model provides an extra layer of encryption for additional protection of identity data
- **Standardized Communications (OSDP)** – Uses Open Supervised Device Protocol (OSDP) for secure communications between reader and controller.

With a focus on sustainability, iCLASS SE platform readers include intelligent power management that reduces power consumption by as much as 59%.

DOCUMENTS

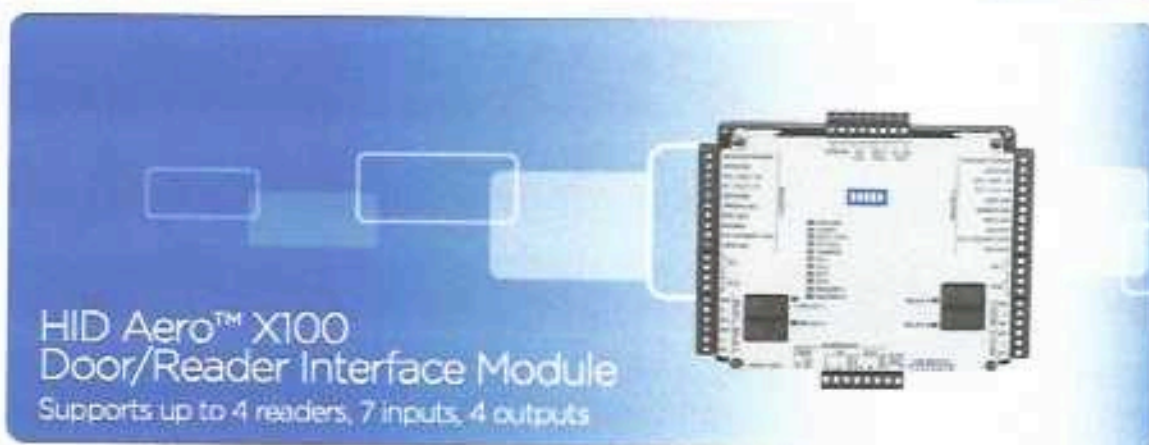
- [Seos Card Datasheet](#)
- [HID Seos and Prox Card Datasheet](#)
- [iCLASS SE/ multiClass SE Install Guide](#)
- [DoC R&TTE iCLASS SE Reader 920L](#)
- [DoC R&TTE iCLASS SE Reader 920P](#)

HID® Aero™ X100 Door/Reader Interface Module Datasheet

Posted date: 15 Aug 2023

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PHYSICAL ACCESS SOLUTIONS



Key Features

- **OSDP Reader Support**
Increases security and functionality with secure channel and bi-directional communications
- **ID Module Encryption**
Enhance security between intelligent controller and ID modules with AES encryption
- **Crypto Chips**
Protect against malicious attacks to keep keys and passwords safe
- **Threat Levels**
Define up to 7 different threat levels that are used to instantaneously adjust user access during lockdowns and lockouts
- **High Amp Relays**

DOOR/READER INTERFACE MODULE SUPPORTING UP TO 2 DOORS

- **Open Architecture** - Work with a variety of software partners over time without any re-investment in hardware
- **Based on HID Mercury Technology** - Built on a tried and tested platform, operating in the most demanding access control enterprises for 25+ years
- **DIN Rail Mountable** - Use mounting accessory (sold separately) to easily attach housing to mechanical DIN rail
- **Easy to Understand LED Status Lights** - Status lights representing power, heartbeat, online/offline status, reader status, input status and relay status

HID Aero Controllers provide a complete and fully functional hardware, firmware, software library and tool infrastructure for access control software providers. This product line is ideal for access control providers who do not want to incur the ongoing costs of designing, manufacturing and maintaining panel hardware along with the critical access control logic that commonly resides locally in access control panels. The HID Aero Controller

The HID Aero X100 provides on-board ID support for up to two access points and two (Wiegand) or four (OSDP) readers. Four robust relays provide door lock and auxiliary output control while seven supervised inputs are used to monitor door status, REX, power supply, battery, tamper and general-purpose inputs status, all supporting analog-to-digital conversion.

Attach the X100 to an X100 intelligent controller to perform full

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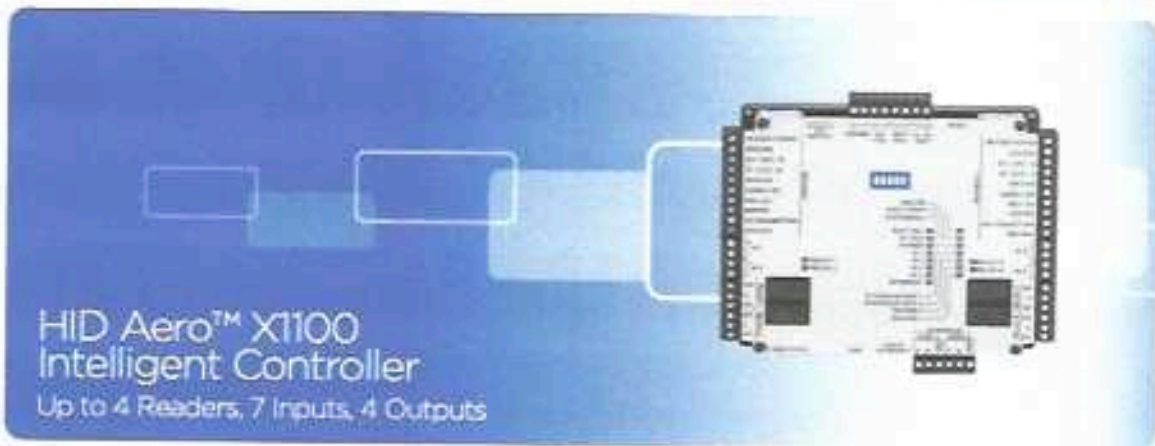
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HID® Aero™ X1100 Intelligent Controller Datasheet

Posted date: 15 Aug 2023

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PHYSICAL ACCESS SOLUTIONS



HID Aero™ X1100 Intelligent Controller
Up to 4 Readers, 7 Inputs, 4 Outputs

Key Features:

- **OSDP Reader Support**
Increases security and functionality with secure channel and bi-directional communications
- **Robust Network Security**
Supports mutual authentication using TLS 1.2 while running in a FIPS 140-2 approved operating environment on the intelligent controller
- **IO Module Encryption**
Enhance security between intelligent controller and IO modules with AES encryption
- **Crypto Chips**
Protect against malicious attacks to keep keys and passwords safe
- **Threat Levels**
Define up to 7 different threat levels that are used to instantaneously adjust user access during lockdowns and

INTELLIGENT CONTROLLER SUPPORTING UP TO 2 DOORS LOCALLY AND 64 READERS IN TOTAL USING EXPANSION IO MODULES

- **Open Architecture** - Work with a variety of software partners over time without any re-investment in hardware
- **Based on HID Mercury Technology** - Built on a tried and tested platform, operating in the most demanding access control enterprises for 25+ years
- **End-to-End Security** - TLS 1.2, AES-256, OSDP Secure Channel and 4-state supervised inputs ensures no weak technology link in the chain of security
- **VertX® Compatibility** - Installs in the same footprint as VertX and communicates with V100, V200 and V300 IO Modules

The HID Aero Controller product line provides a complete and fully functional hardware, firmware, software library and tool infrastructure for access control software providers. This product line is ideal for access control providers who do not want to incur the ongoing costs of designing, manufacturing and maintaining panel hardware along with the critical access control logic that commonly resides locally in access control panels. The HID

robust relays provide door lock and auxiliary output control while seven supervised inputs are used to monitor door status, REX, power supply, battery, tamper and general-purpose inputs status, all supporting analog-to-digital conversion.

Attach expansion IO modules (X100, X200 and X300) to expand the number of access points controlled. At maximum capacity, the X100 can control up to 64 readers, 64 access

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CM-RQE70A / RQE70ABK
PIR 'Request to Exit' Detectors



☰ BROWSE



CM-RQE70A - 2018 New Product of the Year Winner

Camden's CM-RQE70A PIR 'REQUEST TO EXIT' Detectors provide the latest word in design, with a complete list of "high performance" features, including secondary activation device input, door monitoring, two relay outputs, and tamper alarm. Many new programming, installation, and set-up features that have never previously been available.

Camden started by making the CM-RQE70A smaller, so it can easily fit on door frames, and then made installing the detector faster and easier. CM-RQE70A comes with 4 factory default operating modes that can be selected with simple push buttons on the circuit board.

Have an unusual installation and need custom settings? No problem. You can use the on-board push buttons to customize the default operating modes or program your own custom operating mode. CM-RQE70A isn't just a new REX detector, it's a whole new approach to REX detector design!



Programming Buttons
w/ Factory Default
Modes



On-Board Wiring
Terminal





Sized To Fit Door Frames



Camden's New CM-RQE70



Part of Our Touchless Wave Product Family

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Voltage:	12/24 VDC Operation
Current Draw:	50 mA (Max)
Relays:	(2) Form 'C' (DPDT)
Contact Rating:	3 A @ 30 VDC
Programming:	On-board push buttons and status LED
Modes:	(4) Factory Default (1) Fully Custom Selectable Fail Safe/Fail Secure
Coverage:	Max. 10'W x 10'H Horizontal and Vertical Adjustment (Mechanical) Sensor Sensitivity/Range (Electronic)
Time Delay:	Adjustable, 5, 15, 30, 45 & 60 second
Sounder:	ON/OFF, with Adjustable Volume
Piezo Buzzer:	92 db. @ 10cm
Indicator:	Activation LED

Card or Keypad Input:	(1) N/O
Door Position Switch Input:	(1) N/O
Request to Exit Input:	(1) N/O
Tamper Switch Contact Rating:	50 mA 12 VDC
Temp Operating Range:	32°F-120°F (0-50°C)
Humidity Range:	0- 93% Non-Condensing
Dimensions:	1-3/4"H x 7"W X 1-3/4"D (43mm x 176mm x 43mm)
Weight:	0.25 Lbs. (0.12 Kg.)
Colors:	White or Black Models

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MODELS

Model	Description	
 CM-RQE70A	PIR 'REQUEST TO EXIT' Detector , white, w/ wiring terminal, C/W (2) Form 'C' (DPDT) Contacts, 12/24 VDC	EDI DATA APPROVALS
 CM-RQE70ABK	PIR 'REQUEST TO EXIT' Detector , black, w/ wiring terminal, C/W (2) Form 'C' (DPDT) Contacts, 12/24 VDC	EDI DATA APPROVALS
 CM-RQEPW	Single Gang Adaptor Plate (White)	EDI DATA APPROVALS
 CM-RQEPK	Single Gang Adaptor Plate (Black)	EDI DATA APPROVALS

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COMPATIBLE PRODUCTS



CX-90/91 Series: Single Door Magnetic Locks

COMPATIBLE PRODUCTS



CX-ED1579L: 'ALL IN ONE' Fire Rated Electric Strike



CV-350: TCP/IP Access Control System

This product series is compatible with Camden's advanced TCP/IP access control system!



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2024 PRICE LIST



AL600ULXPD16

Power Supply Charger, 16 Fused Outputs, 12/24VDC @ 6A, 115VAC, BC400 Enclosure

AL600ULXPD16 is a multi-output power supply/charger that converts a 115VAC, 60Hz input into sixteen (16) 12VDC or 24VDC non power-limited outputs.

[Specifications](#)

[Agency Listings](#)

[Dimensions & Weight](#)

[Documentation](#)

Input

- Input 115VAC, 60Hz, 3.5A.

Output

- 12VDC or 24VDC selectable output.
- 6A continuous supply current.
- Sixteen (16) fuse protected outputs.
- Output fuses are rated @ 3.5A/250VAC.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Charging

- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current: 0.7A.
- Zero voltage drop when switched over to battery backup.
- *(Batteries are sold separately).*

Supervision

- AC fail supervision (form "C" contacts).
- Notification trigger is selectable for 30 seconds (factory set) or 6 hours.
- Low battery supervision (form "C" contacts).
- Battery presence supervision (form "C" contacts).

Visual Indicators

- AC input and DC output LED indicators.


Temperature

- Operating: 0° C to 49° C (32° F to 120° F).
- Storage: - 20° C to 70°C (- 4° F to 158° F).
- Relative Humidity: 85% +/- 5%.

BTU/Hr. (approx.):

- 12VDC: 37 BTU/Hr.
 - 24VDC: 74 BTU/Hr.
- System AC input VA requirement: 402.5VA.

 Compare

 Print

Quantity

 Add to BOM





*Batteries sold separately



 Documentation

 A&E Specs

 Lifetime Warranty

 Locate a Distributor



140 58th St, Bldg A, Ste 2N,
Brooklyn, NY 11220, USA



info@altronix.com

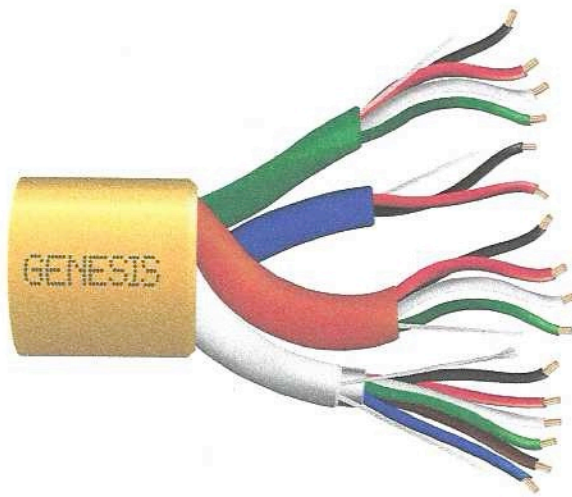


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CONSTRUCTION

SPECIFICATIONS

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Specifications

Imperial Metric

SIZE (AWG OR KCMIL)	22 AWG	
NUMBER OF CONDUCTORS	6	
SHIELDING	Shielded	
SIZE (AWG)	18	
NO. OF CONDUCTORS	4	
SHIELDING	Unshielded	
SIZE (AWG)	22	
NO. OF CONDUCTORS	2	
SHIELDING	Unshielded	
SIZE (AWG)	22	
NO. OF CONDUCTORS	4	
SHIELDING	Unshielded	
BUILDING TYPE	Overall Jacketed	
NOM. OD (MILS)	378	mils
NOMINAL TOTAL WEIGHT (LBS/1000')	82	lbs/1000'