

Access Input Interface Panel ICAERO-X200



Reference image only*

IDCUBE's ICAERO-X200 is an Input Monitor Interface Panel which connects up to 19 general purpose input circuits (supervised or unsupervised) and two general purpose outputs. All supervised inputs support analog-to-digital conversion. The input interface panel comprises of HID's input interface module AERO X200 along with optional accessories, i.e., UL certified power supply, charging circuit, battery, and tamper switch. The ICAERO-X200 connects to the ICAERO-X1100 (master controller panel) through a high-speed RS-485 network.

The ICAERO-X1100, in turn, communicates with IDCUBE's Access360 or iNest server applications via industry standard TCP/IP protocol over 10/100 Mbps Ethernet or the Internet.

It also features LED status lights representing power, heartbeat, online/offline status, reader status, input status and relay status. The interface panel serves as a form and fit replacement for Vertex V200.



KEY FEATURES

ICAERO-X200 connects to the ICAERO-X1100 (master controller panel) through a high-speed RS-485 network.

Connects up to 19 supervised or unsupervised inputs

Off-normal condition programmable for each input point (NO or NC alarm devices may be used)

IO module encryption for increased security between intelligent controller and IO modules with AES encryption

7 different threat levels can be defined to instantly adjust user access during Lockdowns & Lockouts

Crypto chips to protect against malicious attacks to keep keys and passwords safe

Easy to understand LED status lights

All supervised inputs support analog-to-digital conversion

Enables complex input/output linking when used with the ICAERO-X1100 and ICAERO-X300 Output Control Interface.

UL 294 recognized components.

*The panel image illustrates component assembly and may not represent the actual controller board

TECHNICAL SPECIFICATIONS

Characteristic	ICAERO-X200
Input Voltage	12 to 24 Vdc +/- 10%
Maximum Input Current	300 mA
Intelligent Controller Communication	2-wire RS-485, 2400 to 115K BPS, asynchronous
Inputs	19 supervised/unsupervised, standard EOL: 1k/1kΩ 1%, 1/4 watt
Outputs	2 Relays, Form-C with dry contacts, non-latching
Relay Contact Rating	2 A @ 30 Vdc resistive
Storage Temperature	-67 to +185°F (-55 to +85°C)
Operating Temperature	32° to 158°F (0 to 70°C)
Humidity	5 to 85% RHNC
Dimension	6.46" x 5.51" x 1.02" (164 mm x 140 mm x 26 mm)
Weight	326 g (Controller board only)
Certifications	Certification: FCC Part 15 Subpart B, CE, BSMI, IC, AS/NZS, TCVN, KCC Safety: UL-294, IEC 62368-1, CB Scheme Hazardous Substances: RoHS (2011/65/EU & 2015/863), EU REACH (1907/2006), California Proposition 65
HS Code	9030.33.3
Part Code	ICX200-EXXXXXX ¹ * (HID AERO X200)

*EXXXXXX ¹ refers to enclosure type along with accessories such as power supply, charging circuit, battery, and tamper switch; Please refer enclosure datasheet for details

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