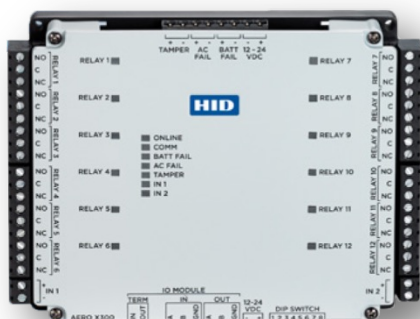# Access Output Interface Panel
ICAERO-X300

Reference image only*

IDCUBE's ICAERO-X300 is an Output Control Interface Panel which supports 12 general purpose outputs as Form C relay contacts and 5 general purpose input circuits (supervised or unsupervised). The output interface panel comprises of HID's output interface module AERO X300 along with optional accessories, i.e., UL certified power supply, charging circuit, battery, and tamper switch. The ICAERO-X300 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 server application 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 Vertx V300.

KEY FEATURES

ICAERO-X300 connects to the ICAERO-X1100 (master controller panel) through a high-speed RS-485 network.

Provides on-board IO support for up to twelve control points and five monitor points.

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

Easy to understand LED status lights

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

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

Enables complex input/output linking when used with the ICAERO-X1100 and ICAERO-X200 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-X300
Input Voltage	12 to 24 Vdc +/- 10%
Maximum Input Current	500 mA
Intelligent Controller Communication	2-wire RS-485, 2400 to 115K BPS, asynchronous
Inputs	5 supervised/unsupervised, standard EOL: 1k/1kΩ 1%, 1/4 watt
Outputs	12 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
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	8537.10.9
Part Code	ICX300-EXXXXXX[1] * (HID AERO X300)

*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