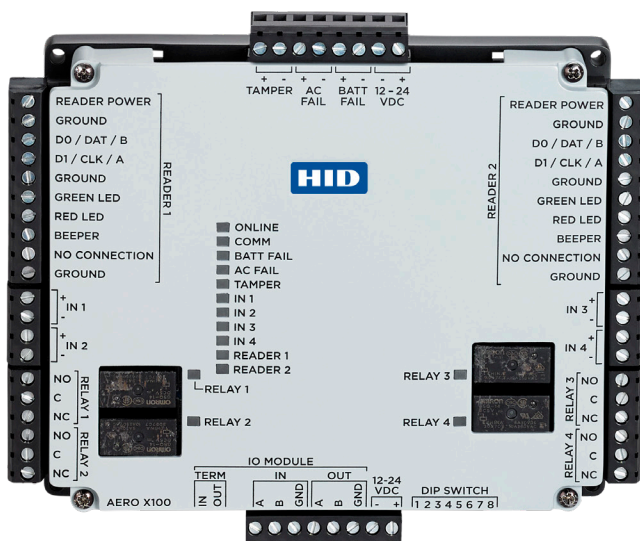


VIDIX CONTROL

Access Control for Every Facility



AXX-X100

DOOR/READER INTERFACE MODULE

Door/Reader Interface Module Supporting Up To 2 Doors

STANDARD FEATURES

The door/reader interface module AXX-X100 provides on-board IO 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.

- **OSDP Reader Support:** Increases security and functionality with secure channel and bi-directional communications
- **IO Module Encryption:** Enhances security between intelligent controller and IO modules with AES-256 encryption
- **Crypto Chips:** Protects against malicious attacks to keep keys and passwords safe
- **Threat Levels:** Define up to seven different threat levels that are used to instantaneously adjust user access during lockdowns and lockouts

Technical Specifications

AXX-X100

ON-BOARD ACCESS POINT CONTROL	Up to 2 access points with on-board IO
ON-BOARD READER SUPPORT	Up to 4 (OSDP multi-drop) or 2 (Wiegand) with on-board IO
INTELLIGENT CONTROLLER COMMUNICATIONS	2-wire RS-485, 2400 to 115K BPS, asynchronous
INPUTS	7 supervised/unsupervised, standard EOL: 1k/1kΩ 1%, 1/4 watt
OUTPUTS	4 Relays, Form-C with dry contacts
RELAY CONTACT RATING	2 A @ 30 Vdc resistive
INPUT VOLTAGE	12 to 24 Vdc +/- 10%
READER POWER	12 Vdc +/- 10% regulated, 500 mA maximum each reader
DATA INPUT POWER	TTL compatible or 2-wire RS-485
OSDP MODE	9,600 to 230,400 bps, asynchronous, half-duplex, max cable 2000 ft (609.6 m)
LED OUTPUT (WIEGAND)	Open Collector, 12 Vdc open circuit maximum, 40 mA sink maximum
BEEPER OUTPUT (WIEGAND)	Open Collector, 12 Vdc open circuit maximum, 40 mA sink maximum
MAXIMUM INPUT CURRENT	1.5 A (340 mA excluding readers and USB)
OPERATING TEMPERATURE	32 to 158 F (0 to 70 C)
HUMIDITY	5 to 85% RHNC
STORAGE TEMPERATURE	-67 to +185 °F (-55 to +85 °C)
DIMENSION	6.46" x 5.51" x 1.02" (164 mm x 140 mm x 26 mm)
WEIGHT	342g 12.1 oz
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