HID Global’s physical access control solutions provide the most extensive line of powerful, versatile and secure access control readers and credentials in the industry, while providing guaranteed card to reader interoperability with existing or future products and services.

### DOOR CONTROLLERS

Avigilon™ Access Control Manager (ACM) distributes the policies and schedules for all identities and hardware configurations to the following HID Global VertX EVO™ controllers to ensure security is enforced at the door - even if upstream network communications are interrupted.

**AC-HID-VERTX-V1000**
The HID VertX EVO™ V1000 (71000BEP0N01C-AVG) is a multidoor access control panel that connects up to 32 door controllers using only one IP address.

- **A complete and fully functional hardware/firmware infrastructure for Access Control Manager systems**
- **Stores a complete access control and configuration database for up to 32 Reader Interfaces (up to 64 doors).**
- **Connects to the host and other devices on a TCP/IP network.**
- **Receives and processes real-time commands from the Access Control Manager application.**
- **Reports all activity to the host; reports supervised inputs and alarms.**
- **Provides fully functional offline operation when not actively communicating with the Access Control Manager, performing all access decisions and event logging.**
- **Access control system interfaces with a maximum of 32. device combinations. Devices are**
  - V100 – Door/reader interface (up to doors/1 reader or 1 door/2 readers)
  - V200 – Input monitor interface (up to 16 monitor points per device)
  - V300 – Output control interface (up to 12 control relays per device)

**AC-HID-VERTX-V2000**
The HID VertX EVO™ V2000 (72000BEP0N01C-AVG) is a two reader access control panel that enables interface with two doors (single reader) or one door (in/out reader).

- **A complete and fully functional hardware/firmware infrastructure for Access Control Manager systems**
- **Stores a complete access control and configuration database for up to 2 Reader Interfaces (up to 2 doors).**
- **Connects to the host and other devices on a TCP/IP network.**
- **Receives and processes real-time commands from the Access Control Manager application.**
- **Reports all activity to the host; reports supervised inputs and alarms.**
- **Provides fully functional offline operation when not actively communicating with the Access Control Manager, performing all access decisions and event logging.**
- **Interface for two Wiegand or Clockand-Data readers; inputs for 2 door monitors, 2 REX switches, AC fail, Battery fail and Tamper.**

- **Non-latching relay outputs rated 2 A @30 VDC**
  - 2 door strikes (configurable)
  - 2 auxiliary devices (door held/ forced alarm, alarm shunt, host offline (communication))
**DOOR INTERFACE MODULES**

**AC-HID-VERTX-V100**

The HID VertX® V100 (70100AEP0N-AVG) door/reader interface connects two access control card readers via Wiegand or Clock-and-Data interface, controlling either one or two doors. The V100 features on-board flash memory, enabling program updates to be downloaded via the network.

- Reports supervised inputs.
- Connects to the V1000 via RS-485.
- Receives and processes real-time commands from the V1000.
- Reports all activity to the V1000.
- Attractive polycarbonate enclosure protects components from damage.
- All connections and indicators are fully identified by silk-screened nomenclature on the cover.
- Processes off-line access control decisions based on facility code.
- UL 294 and UL 1076 recognized components.

**INPUT / OUTPUT MODULES**

**AC-HID-VERTX-V200**

The HID VertX® V200 (70200AEP0N-AVG) input monitor interface connects up to 16 supervised input circuits. Each input point monitors and reports normal, off-normal, and alarm states. The V200 features on-board flash memory, enabling program updates to be downloaded via the network.

- Reports supervised or unsupervised alarm circuits.
- Off-normal condition programmable for each input point (NO or NC alarm devices may be used).
- Connects to the V1000 via RS-485.
- Receives and processes real-time commands from the V1000.
- Reports all activity to the V1000.
- Enables complex input/output linking when used with the V1000 and V300 Output Control Interface.
- Attractive polycarbonate enclosure protects components from damage.
- All connections and indicators are fully identified by silk-screened nomenclature on the cover.
- UL 294 and UL 1076 recognized components.

**AC-HID-VERTX-V300**

The HID VertX® V300 (70300AEP0N-AVG) output control interface contains 12 latching Form-C relays, which can connect up to 12 devices controllable by simple contact closures such as logic inputs for process equipment, HVAC and CCTV switchers.

- Off-normal status programmable for each input point (NO or NC alarm devices may be used).
- 12 latching Form-C relays, contacts rated at 2A @ 30VDC.
- Connects to the V1000 via RS-485.
- Receives and processes real-time commands from the V1000.
- Reports all activity to the V1000.
- Enables complex input/output linking when used with the V1000 and V200.
- Attractive polycarbonate enclosure protects components from damage.
- All connections and indicators are fully identified by silk-screened nomenclature on the cover.
- UL 294 and UL 1076 recognized component.