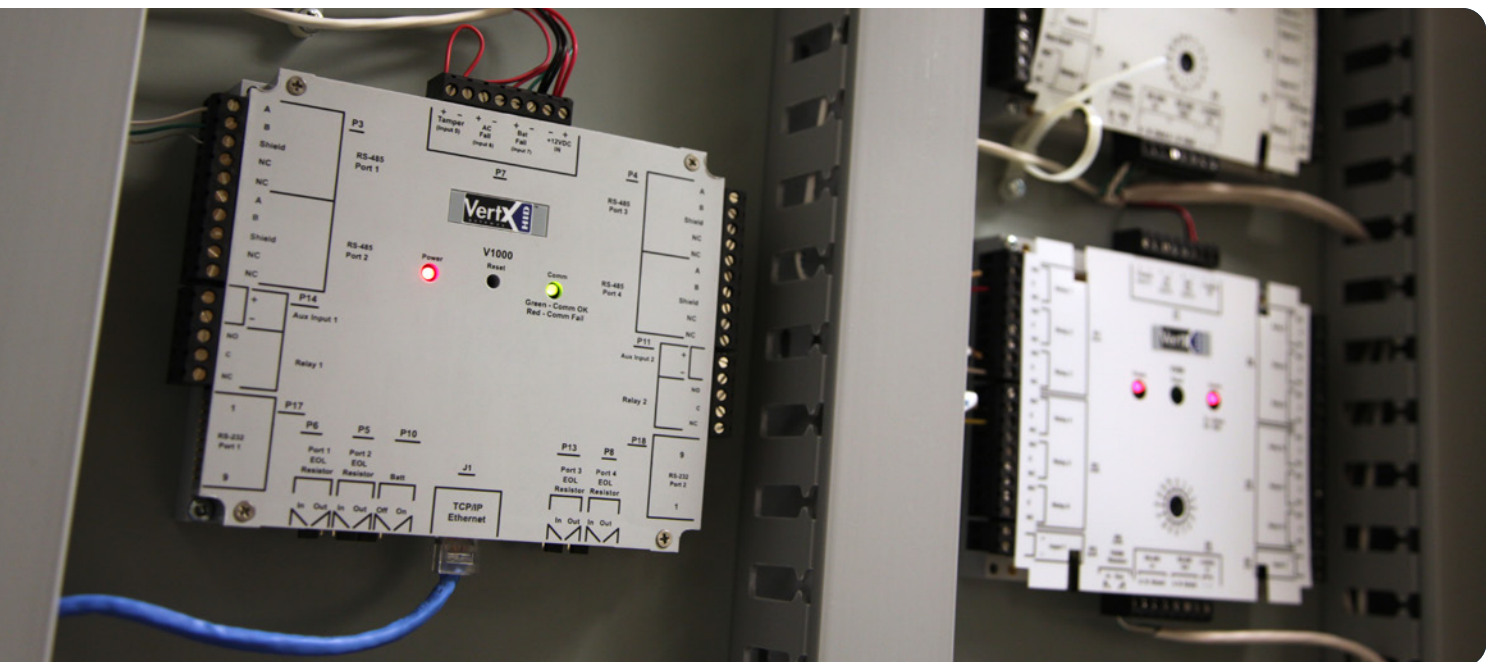


VertX® Access Controllers



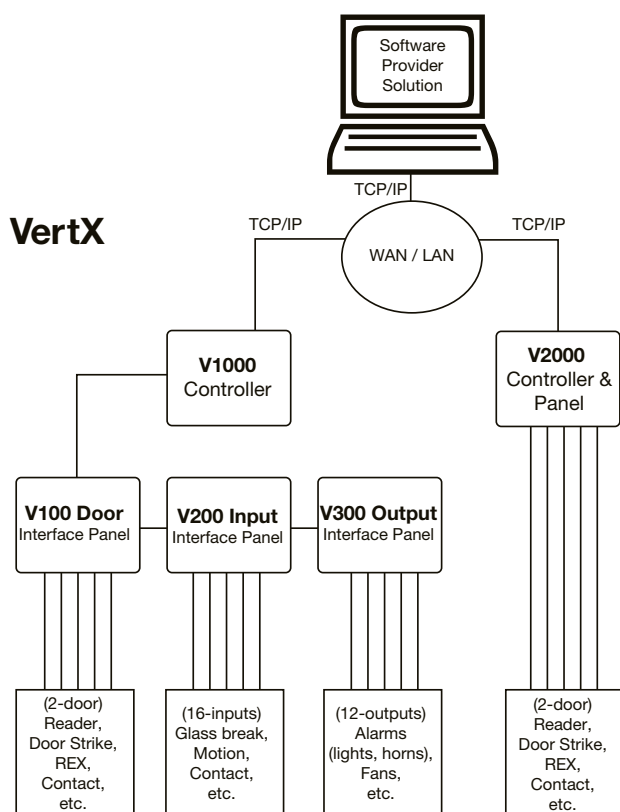
**CONTROLLER PLATFORM FOR OEM ACCESS
CONTROL SOFTWARE HOST SYSTEMS**





VertX® Access Controllers

The HID VertX products provide a complete and fully featured hardware/firmware infrastructure for communicating via industry standard TCP/IP protocol. VertX is an open architecture access control panel that enables HID's software partners to deploy a wide variety of access control solutions. Unlike proprietary access control solutions, VertX provides the customer the ability to install new software head ends over time while keeping the panel in place, therefore avoiding installation and other costs associated with panel hardware changes.



VertX Model	Description	Function
V1000	Access Controller	Host interface and access control processing for up to 32 door/reader interface (V100), input monitor (V200), or output control (V300) units.
V100	Door/Reader Interface (Connects to V1000)	Connects two access control card readers via Wiegand or Clock-and-Data interface controlling one or two doors.
V200	Input Monitor Interface (Connects to V1000)	Alarm input processing for up to 16 supervised input circuits, monitors and reports normal, off-normal, and tamper states.
V300	Output Control Interface (Connects to V1000)	Output control processing for up to 12 devices, contains 12 latching Form-C relays connecting up to 12 devices controllable by simple contact closures.
V2000	Reader Interface/ Access Controller	Host interface and access control processing for two readers/doors. Ideal for small installations.



V1000 - Networked Controller

V1000 Access Controller

Base Part Number • 71000

- Communicates directly with OEM access control software host systems
- Provides on-board processing and memory to support up to 32 downstream interface panels
- Controller has two independent RS485 networks, each having two sets of input connection for optimum system topology
- Allows local connection of a laptop computer for diagnostics and configuration
- Reports supervised inputs/alarms with 255 priorities
- Power supply 12-18 VDC @ 210 mA



V100 - Door/Reader Interface

The V100 connects two access control card readers by Wiegand.

Base Part Number • 70100

- Connects to the V1000 via a high speed RS485 network
- Connects 2 access control card readers via Wiegand or Clock-and-Data interface controlling 1 or 2 doors
- Processes off-line access control decisions based on facility code
- Flash memory for downloading program updates
- Power supply 9-18 VDC @ 100 mA



V200 - Input Monitor Interface

The V200 connects up to 16 configurable input circuits.

Base Part Number • 70200

- Connects to the V1000 via a high speed RS485 network
- Alarm input processing for up to 16 supervised input circuits
- Monitors & reports normal, Off/Normal & tamper status
- Flash memory for downloading program updates
- Power supply 9-18 VDC @ 100 mA



V300 - Output Control Interface

The V300 controls up to 12 outputs.

Base Part Number • 70300

- Connects to the V1000 via a high speed RS485 network
- Output control processing for up to 12 devices
- Contains 12 latching Form C relays connecting up to 12 devices controllable by simple contact closures
- Off/Normal status programmable for each input point
- Flash memory for downloading program updates
- Power supply 9-18 VDC @ 100 mA



V2000 - Access Controller/Reader Interface

The V2000 Reader Interface/Access Controller is a combination of a V1000 and a V100.

Base Part Number • 72000

- Complete two door/reader unit for installations using TCP/IP communications to the central station
- No End User Software Installation Necessary
- V2000 communicates by TCP/IP only
- Ideal for small installations
- Power supply 12-18 VDC @ 210 mA

Genuine HID Value

Quality

- Developed, tested and manufactured in ISO-certified facilities.
- From market leader HID, the world's most trusted brand for high quality access control cards and readers.

Partnership

- Developed in collaboration with software leaders in access control and security around the globe.
- OPIN® API software development platform enables robust and extensive access control.

Service

- Dedicated application engineering and technical support staff.
- Integrator training supported through HID Academy, both live and online at **www.hidtraining.com**.

Value

- Affordable purchase price.
- Easy to buy, sell and maintain through OEM software providers
- Variety of software providers allows for a wide selection of solutions
- Ability to switch software solutions while maintaining hardware provides protection of hardware investment
- Generates opportunity for incremental services to existing customers.

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