

VertX™ Access Controllers

Access Control for Managed Access Service Providers



An open architecture platform that enables managed access service security monitoring software providers to fully integrate access control functions within host software, eliminating the need for separate access control systems that today are merely co-located within the managed access service facility. It also provides bi-directional communications for video-related services in managed access service facilities without modifying the existing infrastructure.

Frequently Asked Questions

Q: What is VertX™?

A: VertX is the first family of access controllers designed specifically for alarm dealers for direct connection to managed access service providers. VertX works with software from leading managed access service automation providers.

Q: How is VertX different from the other access control panels?

A: Fully featured, flexible, and easy to install, VertX is the high-security solution to any size organization – from a single-door retail shop to a large enterprise. With VertX, alarm dealers can realize managed access control and provide installation and recurring support services. VertX is a fully featured access control – not just a hook up to access control readers through an alarm panel. Compatible with industry standard access control readers, it eliminates the need for a separate access control system.

Q: I already have access control readers. Will they work with VertX?

A: Most existing access control readers will work with VertX.

Q: Does VertX only work when connected to a managed access service provider?

A: VertX provides access control at all times, not requiring that it be connected to a managed access service provider because all cardholder records and access schedules are on board the panel itself.

Q: Does VertX help to reduce false alarms?

A: Yes! With one managed access service operation controlling access control and alarm systems, false alarms are easily reduced. When an event occurs, the operator sees all systems on one screen. He can quickly look at alarm information and the corresponding access control entry information and decide what further steps need to be taken, if any. With VertX, law enforcement officials will only be dispatched when absolutely necessary.

Q: What are the benefits to an alarm dealer who promotes VertX?

A: Because approximately 85% of commercial alarm monitoring customers do not currently have electronic access control, alarm dealers have a significant opportunity for recurring monthly revenue by providing access control services starting with the existing alarm account client base. This is a virtually untapped market in addition to alarm dealers providing installation and recurring support services.





V1000 - Network Controller

V1000 Access Controller for Managed Access Services

Base Part Number • 71000

- Communicates directly with managed access service provider software
- 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 contains 12 latching Form-C relays, which can connect up to 12 devices controllable by simple contact closures.

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



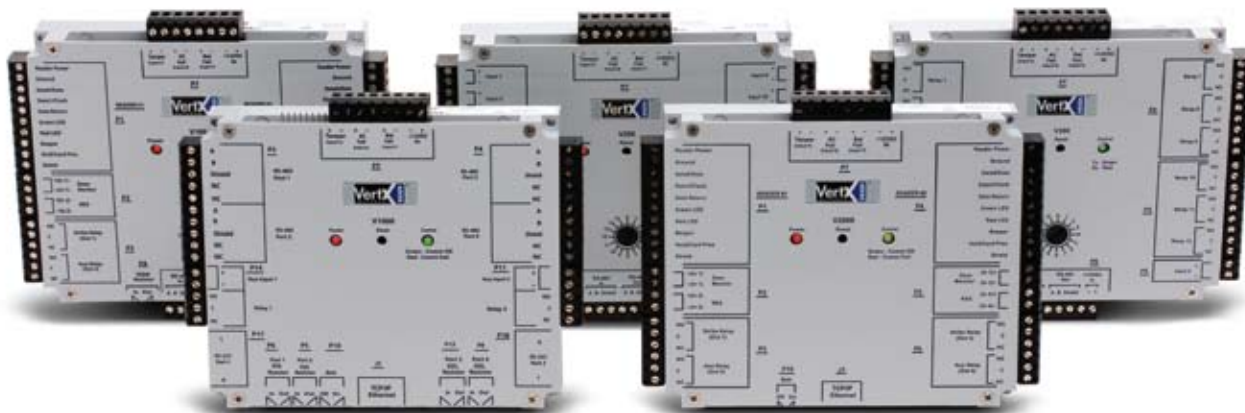
V2000 - Access Controller/Reader Interface

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

VertX™ Access Controllers



Genuine HID Value for Managed Access Service Providers

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 managed access service monitoring host software leaders like AMT, Brivo, CBord, SNS CRITSEC®, DVTel, Envoy, GateWorks, Genetec, Imron, Macleay Solutions, Middleware Associates, NFive, SecuriCo, Vecta.
- OPIN™ API provided free of charge to qualified application developers.

Service

- Dedicated application engineering and technical support staff.
- Available through distribution channels worldwide.
- Free training for alarm dealers and system integrators.

Value

- Affordable purchase price.
- Easy to buy, sell, install, and maintain.
- Eliminates the need for a separate access control system.
- Generates opportunity for incremental services to existing customers.

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.

