

VertX™ V2000

Network intelligence at the door

The HID VertX™ products provide a complete and fully featured infrastructure for meeting your most demanding access control needs. The V2000 Reader Interface / Network Controller is capable of storing 44,000 card holders. It has all the I/O necessary to control one or two doors. Two access control card readers can be connected via a Wiegand or clock-and-data interface.

Inputs and outputs can be assigned to door-related functions or as general purpose I/O. Inputs can be unsupervised or supervised using configurable end-of-line resistance values. Outputs are implemented using Form-C (NO/NC) relays and can be used for

fail-safe or fail-secure lock operation. Events generated by the V2000 can be used to trigger a complex series of actions.

The V2000 is network ready and is managed by a host computer running industry-leading AccessNsite® software. The host computer downloads credential, command, and configuration data to the V2000 and uploads event and status change information for display to an operator. Once the V2000 has been configured it can run independently should it lose its connection with the host computer. The V2000 will buffer offline transactions so that they can be uploaded to the host when the connection is restored.

Features

- Powerful 32-bit RISC processor running the Linux operating system
- 128-bit max card format
- Controls one or two doors
- PIV-II, CAC, TWIC compatible
- 44,000 card holders (standard); 250,000 card holders (with expansion)
- Tamper, AC fail, and battery fail inputs
- Field upgradable firmware
- UL listed 294/1076
- 18 month limited warranty

powered by





VertX™ V2000 Specifications

Dimensions

- 5.8"W x 4.825"H x 1.275"D
(147.32 mm x 122.55 mm x 32.38 mm)

Weight

- 13.6 oz (0.38 kg)

Operating Temperature

- 32° to 122° F (0° to 50° C)

Operating Humidity

- 5% to 95% RHNC

Operating Environment

- Indoors, or customer-supplied NEMA-4 Enclosure

Power Supply Requirements

- 360mA @ 12-16 VDC plus reader current

Hardware

- 32-bit RISC CPU, 100 MHz processor

Readers

- Two SIA standard Weigand/ Clock-and-Data Ports

Inputs

- 4 General purpose, supervised
- AC Power aill
- Battery Fail
- Tamper

Outputs

- 4 General purpose Form-C, 2A @30 VDC

Memory

- 8 MB onboard Flash memory
- 16 MB / 32 MB memory expansions available
- 32 MB SDRAM
- 256K SRAM

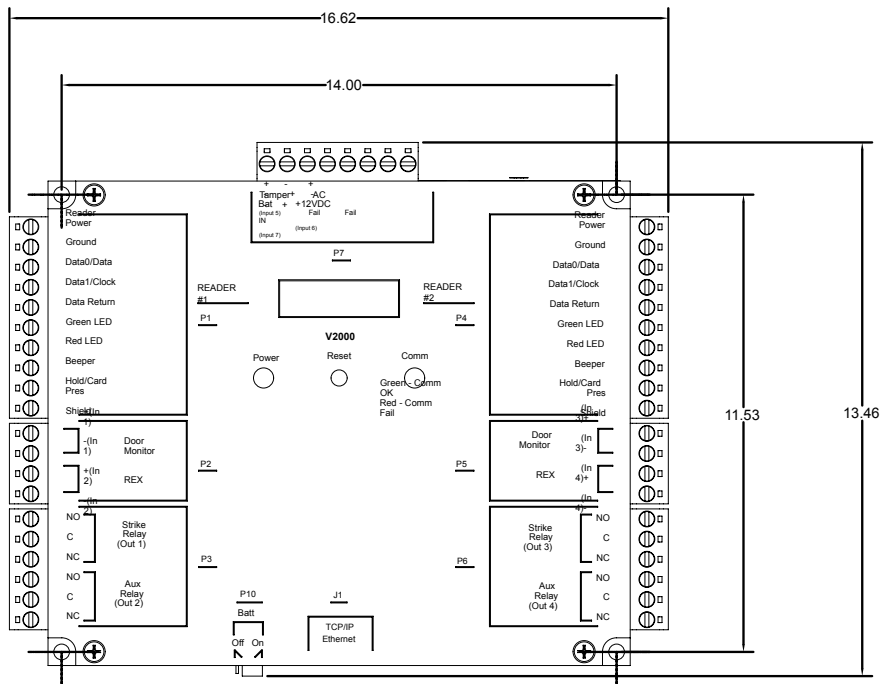
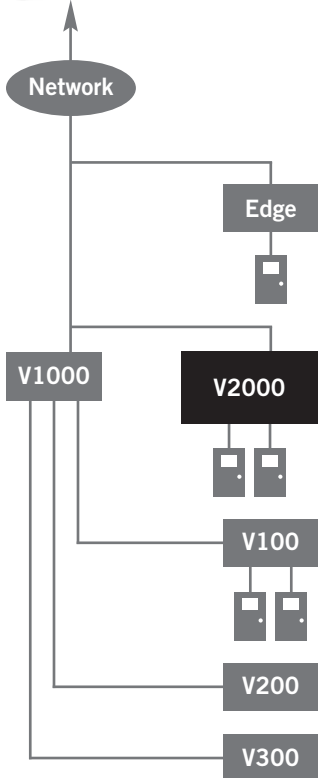
Communication Port

- TCP/IP – one port, 10 or 100 Mbps

UL 294 and UL 1076
Recognized Component for the US, CSA 205 for Canada, FCC Class A Verification, EMC for Canada, EU (CE Mark), Australia (C-Tick Mark), New Zealand, Japan



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* For a list of pre-configured enclosures, see Quintron's "Enclosures" brochure.