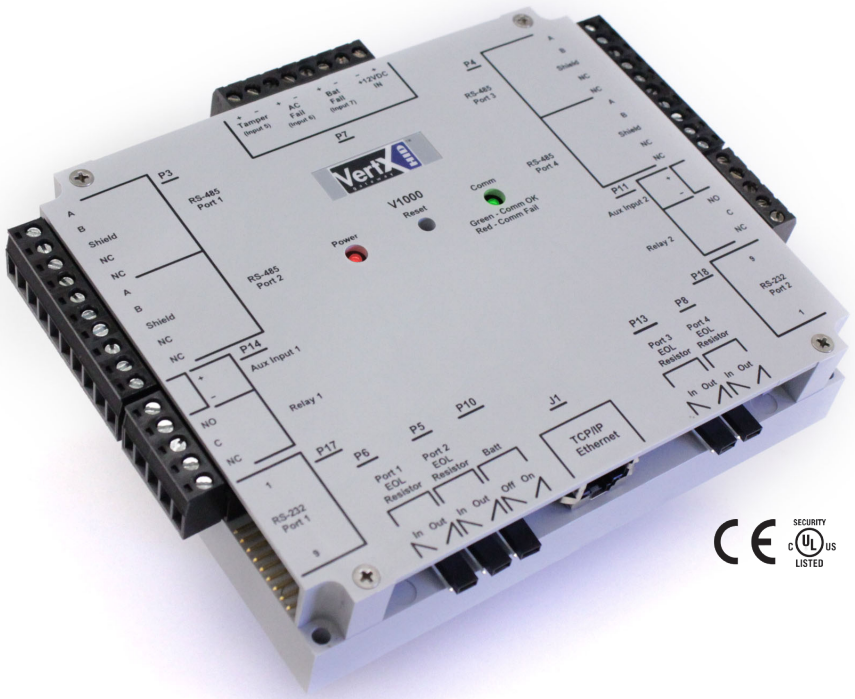
QUINTRON®




# VertX™ V1000

## Control and monitor up to 64 doors

The VertX™ products provide a complete and fully featured infrastructure for meeting your most demanding access control needs. The V1000 is capable of storing 44,000 card holders and can control and monitor up to 32 sub-controllers which can include various combinations of the V100 Door/Reader Interface, the V200 Input Monitor Interface, or the V300 Output Control Interface. The V1000 connects to its sub-controllers over a two wire RS-485 bus that can be extended up to 4000 feet.

The V1000 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 V1000 and uploads event and status change information for display to an operator. Once the V1000 has been configured it can run independently, should it lose its connection with the host computer. The V1000 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
- Can control up to 64 doors/ readers, 512 monitor points, or 384 control relays
- 44,000 card holders (standard)
  250,000 card holders (with expansion)
- PIV-II, CAC, TWIC compatible
- 128-bit max card format
- Tamper, AC fail, and battery fail inputs
- Field upgradable firmware
- UL listed 294/1076
- 1 year limited warranty

powered by AccessNsite®

Quintron Systems, Inc.
Security Systems Division

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# VertX™ V1000 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**
- 12.4 oz (.35 kg)

**Operating Temperature**
- 32° to 122° F (0° to 50° C)

**Operating Humidity**
- 5% to 95% RNC

**Power Supply Requirements**
- 240 mA @ 12-16 VDC devices

**Hardware**
- 32 - bit RISC CPU, 100 MHZ

**Inputs**
- AC Power Fail
- Battery Fail
- Tamper

**Outputs**
- 2 general purpose Form-C, 2A @ 30 VDC

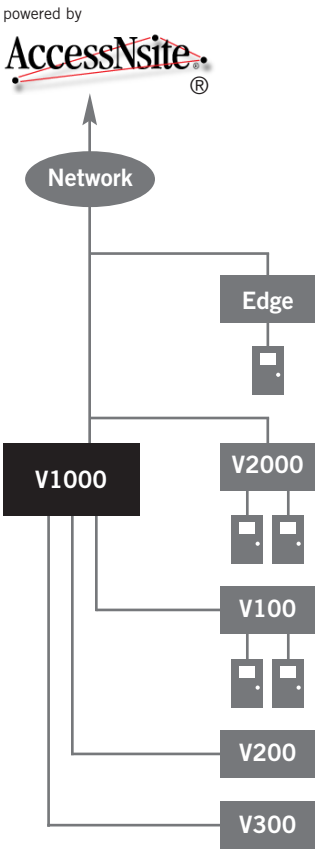
**Operating Environment**
- Indoors, or customer supplied NEMA-4 Enclosure

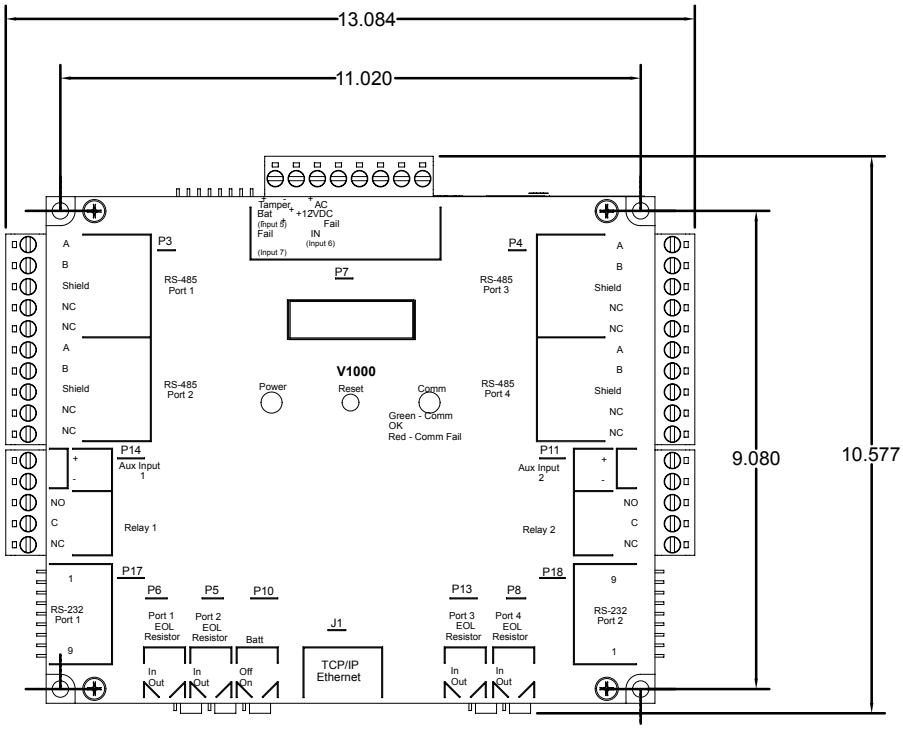
**Memory**
- 8MB onboard Flash memory
- 16/32MB expansions available
- 32MB SDRAM
- 256K SRAM

**Communication Ports**
- RS-485 – two wire.
- TCP/IP – 10 or 100 Mbps

**Certifications**

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, EN 50130-4 Access Control Systems Immunity for the EU (CE Mark)




*Quintron Enclosures*

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