

# HID VertX V100 Dual-Reader Module

Reader and IO interface module  
for up to 2 doors



## Seamlessly integrated with the Genetec Synergis IP Access Control Solution

The Synergis™ system supports HID's open field hardware enabling organizations to deploy industry-standard access control modules and protect their investments for years to come. The HID VertX+ V100 reader interface module connects up to two access control card readers, controlling either one or two doors. The V100 is controlled by the Synergis Cloud Link intelligent appliance or the HID VertX V1000 controller through a high-speed RS-485 network.

### Synergis Cloud Link

The Synergis Cloud Link appliance is an intelligent and PoE-enabled micro-server that supports a mix of non-proprietary access control modules like the HID VertX V100. Modernize your access control environment by deploying Synergis Cloud Link over your network and establishing real-time connectivity to your doors.



## Overview

Connects to Synergis Cloud Link or HID VertX V1000 controller via RS-485

Reports all activity in real-time to Synergis Cloud Link or the V1000

Controls up to 2 readers or 2 doors

Reports supervised inputs

Some inputs can be configured as general purpose inputs

UL 294, ULC-S319 (See Synergis Cloud Link Hardware Installation Guide)

UL 1076 recognized component

## Available Interfaces

**Readers:** Up to 2 readers (Wiegand or Clock-and-Data interface)

**Inputs:** Up to 7 inputs (2 door monitor switches, 2 Request-to-Exit switches, AC Fail Monitor\*, Battery Fail Monitor\*, Enclosure Tamper\*)

**Outputs:** Up to 4 non-latching relay outputs (2 door strikes, 2 auxiliary devices)

\*Can be configured as a general purpose input)



Innovative Solutions



Choose the Synergis IP access control solution to protect your people and assets with your choice of widely-deployed, non-proprietary, and secure access control hardware.



◀ VertX V100 Dual-Reader Module

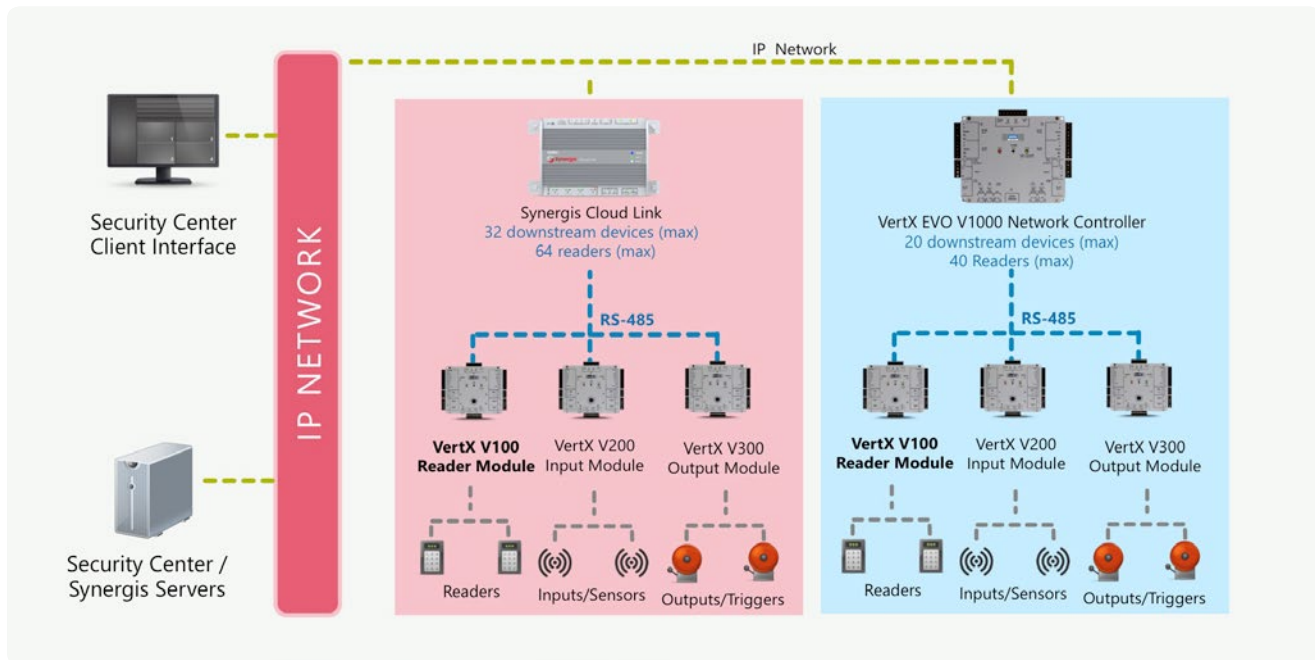
**Specifications**

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)
Power Supply Requirements	60 mA @ 9-18 VDC (with no readers connected). When the V100 is supplying power to readers, the requirements are 600 mA @ 9-18VDC. The V100 can supply 500 mA to two readers
Operating Environment:	Indoors, or customer-supplied NEMA-4 rated enclosure
Operating Temperature:	32° to 122° F (0° to 50° C)

Communications Ports	RS-485 — two wire. Two SIA standard Wiegand/Clock-and-Data ports
Certifications	UL294, UL 1076 (US)   CSA 205 (Canada)   FCC Class A   CE Mark, EN 50130-4 (EU)   EMC for Canada, EU (CE Mark), Australia (C-Tick Mark), New Zealand, Japan. ULC-S319 (See Synergis Cloud Link Hardware Installation Guide)
Warranty	24-month warranty. Please refer to the Genetec Sales Policy for more information

**Architecture ▼**

The V100 two-reader interface module connects to and reports all activities to the Synergis Cloud Link appliance or the V1000 via RS-485.



**Genetec Inc.**

2280 Alfred-Nobel Blvd., Suite 400,  
Montreal, QC, Canada H4S 2A4

T 514.332.4000

genetec.com  
info@genetec.com

© Genetec Inc., 2016. TM trademark of Genetec Inc.

† HID, EDGE and VertX are the trademarks and registered trademarks of HID Global Corporation in the United States and other countries.