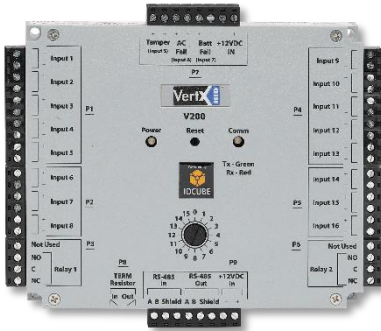


## Access Input Interface Panel ICV200



Reference image only\*

IDCUBE Access Input Interface Panel ICV200 is an input monitor interface that connects up to 16 supervised input circuits, each of which monitors and reports normal, off-normal, and alarm states. The ICV200 access input interface panel comprises of HID's Networked input interface VeriX EVO V200 along with optional accessories, i.e., UL certified power supply, charging circuit, battery, and tamper switch. The input interface panel seamlessly integrates with IDCUBE Access360 access control application.

The ICV200 connects to the ICV1000 through a high speed RS-485 network. The ICV1000, in turn, communicates with the system host via industry standard TCP/IP protocol over 10/100 Mbps Ethernet or the Internet. This architecture minimizes the impact on corporate LANs by using only one TCP/IP address for every 32 interfaces and by handling low-level transactions on the RS-485 network. The ICV200 features onboard flash memory, enabling program updates to be downloaded via the network

### KEY FEATURES

Connects to and reports activities to IDCUBE's Access360 & INEST access control solution over an IP network

Reports up to 16 supervised or unsupervised inputs

Off-normal condition programmable for each input point (NO or NC alarm devices may be used)

Receives and processes real-time commands from the Access360 software application

Reports supervised inputs

Connects to the V1000 via RS-485

Receives and processes real-time commands from the ICV1000. Reports all activity to the ICV1000.

Provides fully functional offline operation when not actively communicating with a host application, performing all access decisions and event logging

Enables complex input/output linking when used with the V1000 and V300 Output Control Interface.

UL 294 recognized components.

\*The panel image illustrates component assembly and may not represent the actual controller board

## TECHNICAL SPECIFICATIONS

Characteristic	Parameter
Audio / Visual indicators	Power LED and RS-485 Communications LED
Communication Ports	RS-485 — two wire
Input Circuits	19 (16 Aux, AC fail, Battery fail & Tamper) 500 feet (150 m), 2-conductor, shielded, using ALPHA 1292C (22 AWG) or Alpha 2421C (18 AWG)
Output Circuits	2 (Aux) 500 feet (150 m), 2-conductor, using ALPHA 1172C (22 AWG) or Alpha 1897C (18 AWG). Minimum wire gauge depends on cable length and current requirements.
Power Supply Requirements	50 mA @ 9-18 VDC Recommended: Supervised linear power supply with battery back-up, input surge protection, and AC fail and battery low contact outputs. Separate supervised DC supply with battery back-up recommended for relay activated devices.
RS-485	4000 feet (1220 m) to host using Belden 3105A, 22 AWG twisted pair, shielded cable
Housing Material	UL94 polycarbonate
Mounting	Mount to any wall surface, using four screws. For UL compliance, one or more gateways can be mounted inside a locking customer supplied NEMA-4 rated enclosure
Operating Temperature	0° C to 50° C (32° F to 122° F)
Operating Humidity	5 - 95% Relative humidity (non-condensing)
Dimensions	147.32 mm x 122.55 mm x 32.38 mm; 5.8" x 4.825" x 1.275" (Board only)
Weight	0.35 kg; 12.4 oz (Board only)
Warranty	Warrantied against defects in materials and workmanship for 12 months
Certifications	UL294 and 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
Part Code	ICV200-EXXXXXX <sup>1</sup> (HID Vertx EVO V200 )

<sup>1</sup>EXXXXXX refers to enclosure type along with accessories such as power supply, charging circuit, battery, and tamper switch; Please refer enclosure datasheet for details

For more information:  
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