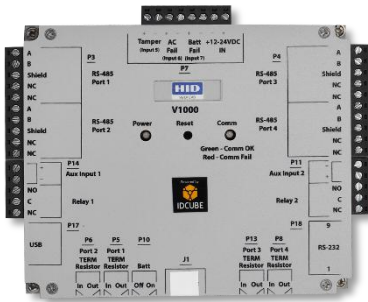


## Access Control Panel ICV1000



Reference image only\*

### KEY FEATURES

IDCUBE Access Control Panel ICV1000 is a multidoor access control panel that reduces the burden on corporate LANs by connecting up to 32 door controllers using only one IP address. The ICV1000 access control panel comprises of HID's Networked Access controller Vertx EVO V1000 along with optional accessories, i.e., UL certified power supply, charging circuit, battery, and tamper switch. The control panel seamlessly integrates with IDCUBE's "Access360" & "INEST" access control applications.

ICV1000 handles all online door decisions, input monitoring and output control for all connected interface modules. The solution has two on-board inputs and outputs for local input point monitoring and auxiliary output control. ICV1000 works with standard ICV100 door interface, ICV200 input monitor and ICV300 output control interface modules.

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

Stores a complete access control and configuration database for up to 32 Reader Interfaces (up to 64 doors & 64 readers)

Supports up to 250,000 cardholders & 99,999 transaction buffer

TCP-socket based auto-push protocol facilitates seamless compatibility with IDCUBE's INEST cloud access control

Connects to the host and other devices on a TCP/IP network

Reports supervised inputs /alarms with 255 priorities

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

Additional capabilities include elevator control, hard antipassback, and offline input/output (IO) linking

Support ICV100- Door/reader interface (up to 2 doors/1 reader or 1 door/2 readers)

Support ICV200- Input monitor interface (up to 16 monitor points per device)

Support ICV300-Output control interface (up to 12 control relays per device)

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	Ethernet (10/100), RS485 (half duplex)
Input Circuits	5 (AC fail, Battery fail, Tamper, Aux Input 1, Aux Input 2) 500ft (150m), 2-conductor shielded 22AWG ALPHA 1292C 18AWG ALPHA 2421C
Output Circuits	2 (Aux Relay 1, Aux Relay 2) 500ft (150m), 2-conductor shielded 22AWG ALPHA 1172C 18AWG ALPHA 1897C
Ethernet	300ft (100m), CAT-5 ALPHA 9504C, ALPHA 9405F
RS-485	4000ft (1219m), 2-twisted pair shielded cable (two independent RS-485 networks), 22AWG Belden 3105
Operating Current (MAX) @ 12-24VDC	1000mA
Operating Current (AVG) @ 12VDC	210mA
Supervised Inputs Power (MAX)	0.025W (5mA sink, 5V nominal) 0 to +5VCD Ref
Relay Contact Rating (Dry Output)	2A @ 30VDC (MAX Amperage that is UL Certified) 5A @ 30VDC
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 (US) Listed Component, CSA 205 (Canada), FCC Class A (US), ICES-003 Class A (Canada), CE Mark EN 301 489-3 EN 55022 EN 50130-4 (EU), C-Tick AS/NZS CISPR 22 (Australia, New Zealand) & Korea (KCC)
Part Code	ICV1000-EXXXXXX <sup>1</sup> (HID Vertx EVO V1000 )

<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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