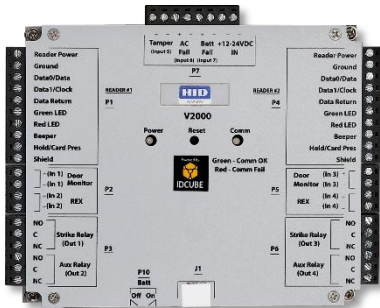


## Access Control Panel ICV2000



Reference image only\*

IDCUBE Access Control Panel ICV2000 is a dual-reader intelligent access control panel that can manage up to two doors with a maximum of two readers. The ICV2000 access control panel comprises of HID's Networked Access controller Vertx EVO V2000 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.

ICV2000 handles all online door decisions, door input monitoring and output control and reader interface for up to two doors. The ICV2000 has two inputs per door for door monitor and REX, and 2 outputs per door for lock and AUX. Additionally the solution has three inputs for AC power fail, Battery power fail and Tamper switch.

### KEY FEATURES

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 2 Reader Interfaces (up to 2 doors)

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

Up to 2 readers (Wiegand or Clock and Data interface)

Up to 7 inputs (2 door monitors, 2 REX switches, AC fail, Battery fail and Tamper)

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

UL 294 and FCC Class A 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 Communications LED
Communication Ports	Ethernet (10/100)
Input Circuits	7 (2-REX, 2-Door monitor, AC fail, Battery fail & Tamper) 500ft (150m), 2-conductor shielded 22AWG ALPHA 1292C 18AWG ALPHA 2421C
Output Circuits	4 (2-Lock, 2-Aux) 500ft (150m), 2-conductor shielded 22AWG ALPHA 1172C 18AWG ALPHA 1897C
Ethernet	300ft (100m), CAT-5 ALPHA 9504C, ALPHA 9405F
Wiegand / C&D	500ft (150m), 9-conductor shielded 22AWG ALPHA 1299C
Operating Current (MAX) @ 12-24VDC	1000mA
Operating Current (AVG) @ 12VDC	625mA (with 2 iCLASS™ Readers)
Supervised Inputs Power (MAX)	0.025W (5mA sink, 5V nominal) 0 to +5VCD Ref
Wiegand / C&D Reader	12VDC, 250mA each
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
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	ICV2000-EXXXXXX <sup>1</sup> (HID Vertx EVO V2000 )

<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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