

## AC42 four-door controller

Thoughtfully Designed for  
Versatility and Scalability



## Overview

Secure entryways with cloud-managed access control through the versatile AC42 four-door controller. The AC42 can power four doors with Verkada or Wiegand readers. Each door port can support two REX devices and a door position indicator (DPI), allowing for native in/out door support. The AC42 also supports two 12V AUX devices and a connection to a fire alarm interface (FAI).

## Key features

### Terminal block design

Power Verkada or third-party readers and any standard door locking hardware.

### On-device reliability

Onboard storage and processing capabilities ensures that device will operate even if it has lost power or its internet connection.

### Remote Door Unlock

Remotely unlock any Verkada-secured door from Command or the Verkada Pass app.

### Centralized management

Centralize access control credential, site and schedule management across geographies.

### Fire alarm integration

Allow faster egress and firefighter access by automatically remove power from maglocks when a fire alarm occurs.

### Simplified installation

Stenciled install diagram and cable organizer simplify installation.



## AC42

### Tech Specs

**AC42**

#### Power and network

<b>Power Consumption</b>	60W maximum	<b>Inputs</b>	2x REX dry inputs per door 1x DPI dry input per door 2x auxiliary dry inputs
<b>AC Power Input</b>	100-240VAC 50/60Hz 1.5A maximum	<b>Readers</b>	1x reader port (Verkada/RS-485 or Wiegand) per door. Reader current consumption must be < 250mA per reader. Note: max of 4 readers can be powered simultaneously
<b>AUX Power</b>	1x 12V @ 250mA	<b>Connectivity</b>	Ethernet: 10/100Mbps RJ-45 for network connection USB 2.0

#### Mechanical

<b>Dry Relays (External Power Supply)</b>	Dry relay max pass-through power: 24VDC @ 2A (resistive load) 2x auxiliary dry relays	<b>Contact Sensors</b>	4 Contact Sensors Nominal 5VDC 1Kohm to each input (resistors built-in)
<b>Wet Relays (Powered by AC42)</b>	Wet relay switch-selectable power: 12V operation 700mA max 24V operation 350mA max	<b>Operating Temperature</b>	0°C - 50°C / 32°F - 122°F, 5-90% humidity

#### Compliance and availability

<b>Availability</b>	USA, CAN, IN, UK, EU	<b>Compliance &amp; Safety</b>	FCC Part 15 Class A, ICES-3 Class A, CE, UKCA, RCM, VCCI, UL 294, CAN/ULC 60839-11-1, UL 62368-1, CSA C22.2 No. 62368-1, IEC 62368-1, NDAA
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#### General

<b>Dimensions</b>	Height: 417.0mm / 16.4in Width: 321.0mm / 12.6in Depth: 116.3mm / 4.6in	<b>Mounting Options</b>	Mounting plate and four wood screws
<b>Weight</b>	6.4kg / 13.9lbs	<b>Included Accessories</b>	Lock key and flat head screwdriver
		<b>Warranty</b>	10 years



# Ordering Information

## AC42 four-door controller pricing

Model Number	Description	Cost (MSRP) USD
AC42-HW	AC42 Four-Door Controller	\$1,799

## Software license pricing

LIC-AC-1Y	1-Year Cloud License (Per Door)	\$249
LIC-AC-3Y	3-Year Cloud License (Per Door)	\$599
LIC-AC-5Y	5-Year Cloud License (Per Door)	\$999
LIC-AC-10Y	10-Year Cloud License (Per Door)	\$1,999