

AC42

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 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

Power consumption	60W maximum	Inputs	2x REX dry inputs per door 1x DPI dry input per door 2x auxiliary dry inputs
AC power input	100-240VAC 50/60Hz 1.5A maximum	Readers	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
AUX power	1x 12V @ 250mA	Connectivity	Ethernet: 10/100Mbps RJ-45 for network connection USB 2.0

Mechanical

Dry relays (external power supply)	Dry relay max pass-through power: 24VDC @ 2A (resistive load) 2x auxiliary dry relays	Contact sensors	4 contact sensors Nominal 5VDC 1Kohm to each input (resistors built-in)
Wet relays (powered by AC42)	Wet relay switch-selectable power: 12V operation 700mA max 24V operation 350mA max	Operating temperature	32°F - 122°F / 0°C - 50°C, 5-90% humidity

Compliance and availability

Availability	USA, CAN, IN, UK, EU	Compliance and safety	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

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



12V4Ah backup battery

Tech specs



General

Model number	ACC-BAT-4AH	Terminal connector	F1 (#187) terminal connector
Description	12 volt 4.5Ah sealed lead acid rechargeable battery	Dimensions	Length: 3.5in / 90mm Width: 2.8in / 70mm Height: 3.9in / 101mm
Voltage	12V	Weight	46.9oz / 1.3kg
Capacity	4.5Ah	Compliance and safety	UL 1989, CE
Chemistry	Sealed lead acid	Backup power application	AC41, AC42, AX11, BP41
Enclosure	ABS plastic	Warranty	10 years



Ordering information

AC42 four-door controller pricing

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
AC42-HW	AC42 Four-Door Controller	\$1,999	\$1,999

Accessories pricing

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
ACC-BAT-4AH	4AH Backup Battery	\$129	\$129

Access Control software license pricing (new/capacity increase)

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
LIC-AC-1Y-CAP	Verkada 1-Year Door License, Capacity Increase	\$249	\$249
LIC-AC-3Y-CAP	Verkada 3-Year Door License, Capacity Increase	\$599	\$599
LIC-AC-5Y-CAP	Verkada 5-Year Door License, Capacity Increase	\$999	\$999
LIC-AC-10Y-CAP	Verkada 10-Year Door License, Capacity Increase	\$1,999	\$1,999

Access Control software license pricing (renewal)

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
LIC-AC-1Y-RNW	Verkada 1-Year Door License, Renewal	\$249	\$249
LIC-AC-3Y-RNW	Verkada 3-Year Door License, Renewal	\$599	\$599
LIC-AC-5Y-RNW	Verkada 5-Year Door License, Renewal	\$999	\$999
LIC-AC-10Y-RNW	Verkada 10-Year Door License, Renewal	\$1,999	\$1,999