

AC43-G

Government-Grade Four-Door Controller



Overview

The AC43-G Four-Door Controller for Government is a TAA and FY2019 NDAA compliant cloud-managed device with FIPS 140-2 validated encryption. It's easy to install and supports up to four doors, two AUX devices, and a fire alarm interface (FAI).

Built for flexibility, the AC43 features a sleek design and supports a wide range of third-party door hardware, peripherals, and Verkada or third-party OSDP and Wiegand readers. It also allows teams to seamlessly mount the ACC-CEL-LTE-2 Cellular Backup Communicator directly onto the chassis to minimize connectivity disruptions, and is designed to support both traditional SLA batteries as well as next-generation lithium iron phosphate (LiFePO4) battery technology.

The AC43-G leverages edge processing and locally caches access configurations to maintain door operations, even in the event of network outages. Automatic firmware updates additionally protect hardware and eliminate the need for manual updates and security patches.

The AC43-G can be easily managed in Verkada Command, which is offered in two environments: standard AWS or AWS GovCloud. Verkada Command hosted in AWS GovCloud is currently designated FedRAMP In Process (Moderate)¹.

Key benefits

Centralized, remote management

Manage all deployments from a single platform, accessible from anywhere.

Offline operations

Maintain door operations during network outages with a local cache of access configurations and P2P communication for cross-device functionality.

Fire alarm integration (FAI)

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

Automatic firmware updates

Keep devices up to date and secure with no manual effort.

LTE backup

Seamlessly mount an LTE back-up module directly onto the chassis to maximize uptime.

Integrated power supply

Deliver power directly to door hardware through an integrated power supply and flexible wet relay options.

1. Federal, state, local, or tribal organizations, research institutions, federal contractors, government contractors, educational institutions, and non-profit institutions.



AC43-G

Tech specs

Power and network

Power consumption	75W 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 < 600 mA per reader power port
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 AC43-G)	Wet relay switch-selectable power: 12V operation 700mA max 24V operation 350mA max	Operating temperature	0°C - 50°C / 32°F - 122°F, 5-90% humidity

Compliance and availability

Availability	US, CAN, EU, UK, AUS, NZ, JP	Compliance & safety	FCC Part 15B, ICES-003, CE, UKCA, RCM, VCCI, UL 294, ULC 60839-11-1, UL 62368-1, CSA C22.2 No 62368-1, IEC 62368, FY2019 NDAA compliant, TAA compliant, FIPS 140-2 validated encryption
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General

Dimensions	Height: 417.0mm / 16.4in Width: 321.0mm / 12.6in Depth: 116.3mm / 4.6in	Mounting options	Mounting plate and four wood screws
Weight	5.8kg/12.7lbs	Included accessories	Lock key and flat head screwdriver
		Warranty	10 years



Ordering information

Model number	Description	Cost (MSRP) USD
AC43-HW-G	AC43 4 Door Controller for Government, FIPS 140, TAA	\$2,199
ACC-BAT-18AH	AC62 18AH backup battery	\$699

AWS GovCloud license (new/capacity increase)

Model number	Description	Cost (MSRP) USD
LIC-AC-1Y-CAP-G	1-year door license for Government, capacity increase	\$269
LIC-AC-3Y-CAP-G	3-year door license for Government, capacity increase	\$659
LIC-AC-5Y-CAP-G	5-year door license for Government, capacity increase	\$1,099
LIC-AC-10Y-CAP-G	10-year door license for Government, capacity increase	\$2,199

AWS GovCloud license (renewal)

Model number	Description	Cost (MSRP) USD
LIC-AC-1Y-RNW-G	1-year door license for Government, renewal	\$269
LIC-AC-3Y-RNW-G	3-year door license for Government, renewal	\$659
LIC-AC-5Y-RNW-G	5-year door license for Government, renewal	\$1,099
LIC-AC-10Y-RNW-G	10-year door license for Government, renewal	\$2,199