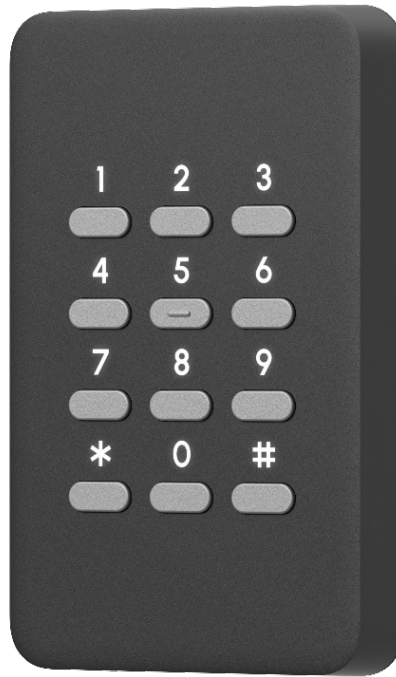


AD64-G

Door Reader with Keypad



Overview

The AD64-G door reader is a TAA and FY2019 NDAA compliant device that supports a wide array of credential technologies, including low- and high- frequency cards and fobs, as well as Bluetooth mobile credentials. It also has a keypad that supports PIN code entry and two-factor authentication (e.g. PIN code + badge) for added security. The AD64-G is compatible with government-issued PIV credentials and supports non-PKI FASC-N reads for authentication.

The AD64-G allows organizations to provide a secure and convenient Bluetooth unlock experience with Intent Unlock. Intent Unlock helps prevent unintentional unlocks by requiring both proximity-based Bluetooth authentication and precise unlock intent in front of the reader — such as a hand wave — in order to unlock the door.

The AD64-G features an easy-to-install form factor, includes a 10-year warranty, and is IP65- and IK08-rated, making it suitable for outdoor deployments and harsh environments.

The AD64-G can be easily managed via Verkada Command, which is offered in two environments: standard AWS or AWS GovCloud. Verkada Command hosted in AWS GovCloud is currently designated FedRAMP® Authorized (Moderate).¹

Key features

PIV card support

The AD64-G supports authentication of government-issued PIV credentials via non-PKI FASC-N reads.

LF, HF, BLE support

The AD64-G is compatible with low- and high-frequency cards or fobs. It also supports Bluetooth mobile credentials, including authentication with precise unlock intent (like a hand wave).

PIN to unlock or for 2FA

Users can access buildings with a 6- to 14-digit keycode by itself or paired with another credential for two-factor authentication.

OSDP with encryption

The AD64-G uses Secure Channel OSDP v2 to communicate with the access controller over RS-485 for added security.

Easy troubleshooting

Admins can see reader connection quality in Command to monitor performance and immediately flag connectivity issues.

Intuitive LED feedback

LEDs display access granted and denied feedback, lockdown states, waiting for 2FA, and connectivity status.

1. AWS GovCloud is available to US government organizations, including federal, state, local, or tribal organizations, research institutions, federal contractors, government contractors, educational institutions, and non-profit institutions.



AD64-G

Tech specs

Power and network

Power consumption	12V, 250mA max	Rating	IP65, IK08
Controllers	Requires an RS-485 connection to a Verkada access controller or TD52 Intercom		

Credential compatibility

High frequency credentials	Verkada DESFire EV3 (card or fob), MIFARE DESFire card serial number	Mobile credentials	Verkada Pass app (BLE), mobile NFC, Apple Wallet
Low frequency credentials	125 KHz proximity cards	Keypad	PIN only, two-factor authentication (badge + PIN)

General

Dimensions	Height: 5.2in / 13.2cm Width: 3.2in / 8.1cm Depth: 0.9in / 2.3cm	Operating temperature	-40 to 149° F / -40 to 65° C 5-90% RH non-condensing
Weight	0.47lb / 0.2kg	Warranty	10 years
Certifications	FCC, CE, UL 294, UL 62368-1/CSA C22.2, CAN/ULC-60839-11-1:2016		

Installation

Included accessories	Single gang mounting plate, T10 screwdriver, 2 wall mount screws, 2 M3 machine screws	Mounting options	Single gang
-----------------------------	---	-------------------------	-------------

Wiring

Wire Color	Abbreviation	Name
Red	+12V	+12V IN
Black	GND	Ground
White	A	RS485-A
Green	B	RS485-B
Silver	Drain	Drain Wire



Ordering information

Access Control Hardware

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
AD64-HW-G	AD64-G Multi-format, Single Gang Card Reader with Keypad for Government	\$649	\$649

AWS GovCloud license (new/capacity increase)

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
LIC-AC-1Y-CAP-G	1-Year Door License for Government, Capacity Increase	\$299	\$299
LIC-AC-3Y-CAP-G	3-Year Door License for Government, Capacity Increase	\$749	\$749
LIC-AC-5Y-CAP-G	5-Year Door License for Government, Capacity Increase	\$1,249	\$1,249
LIC-AC-10Y-CAP-G	10-Year Door License for Government, Capacity Increase	\$2,499	\$2,499

AWS GovCloud license (renewal)

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
LIC-AC-1Y-RNW-G	1-Year Door License for Government, Renewal	\$299	\$299
LIC-AC-3Y-RNW-G	3-Year Door License for Government, Renewal	\$749	\$749
LIC-AC-5Y-RNW-G	5-Year Door License for Government, Renewal	\$1,249	\$1,249
LIC-AC-10Y-RNW-G	10-Year Door License for Government, Renewal	\$2,499	\$2,499



Ordering information

Standard Cloud License (new/capacity increase)

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

Standard Cloud license (renewal)

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