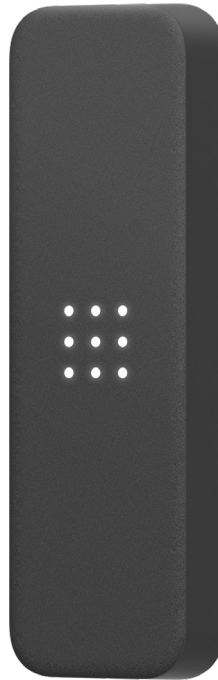


AD34-G

Magically simple,
effortlessly secure



Overview

The AD34-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. The AD34-G is compatible with government-issued PIV credentials and supports non-PKI FASC-N reads for authentication.

With the AD34-G, organizations can also provide a secure yet 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 AD34-G includes a 10-year warranty and is IP65 and IK08 rated, making it suitable for outdoor deployments and harsh environments. It also features an easy-to-install, secured snap-in form factor, and ships with both single gang and mullion mount plates, simplifying nearly any installation.

The AD34-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 AD34-G supports authentication of government-issued PIV credentials via non-PKI FASC-N reads.

LF, HF, BLE support

The AD34-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).

OSDP encryption

The AD34-G uses Secure Channel OSDP v2 to communicate with the access controller over RS-485.

Ready for any installation

The AD34-G includes both single gang and mullion form factors in the box. The reader is IP65 and IK08 rated, making it suitable for outdoor environments.

Easy troubleshooting

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

Intuitive LED feedback

LEDs display access granted and denied feedback, lockdown states, 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.



AD34-G

Tech specs

Power and network

Power consumption	12V, 250mA max	Rating	IP65, IK08
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Compatibility

Controller compatibility	Requires a RS-485 connection to a Verkada access controller or intercom	Low frequency card compatibility	125 KHz proximity cards
High frequency card compatibility	Verkada DESFire EV3, MIFARE DESFire card serial number	Mobile credential compatibility	Verkada Pass app, mobile NFC, Apple Wallet

Compliance and availability

Availability	USA, CAN, UK, EU, AUS, NZ	Compliance and safety	FCC, CE, UL 294, UL 62368-1/CSA C22.2, CAN/ULC-60839-11-1:2016
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General

Mullion dimensions	Height: 5.2in / 131.2mm Width: 1.6in / 40.7mm Depth: 0.7in / 17.6mm	Single gang dimensions	Height: 5.7in / 145.1mm Width: 3.1in / 80.1mm Depth: 0.8in / 20.1mm
Weight	Mullion mount 0.18lb / 0.08kg Single gang mount 0.23lb / 0.10kg	Operating temperature	-40° to 149°F / -40° to 65°C 5-90% RH non-condensing
Included accessories	Single gang mounting plate, mullion mounting plate, T10 screwdriver, 2 wall mount screws, 2 M3 machine screws	Mounting options	Single gang and mullion (mounting plates and screws included)

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

AD34-G Door Reader pricing

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
AD34-HW-G	AD34-G Multi-format Card Reader for Government	\$349	\$349
ACC-AD-BP	AD34-G Single Gang Anodized Aluminum Backplate	\$99	\$99

AWS GovCloud software license pricing (new/capacity increase)

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

AWS GovCloud software license pricing (renewal)

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



Ordering information

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