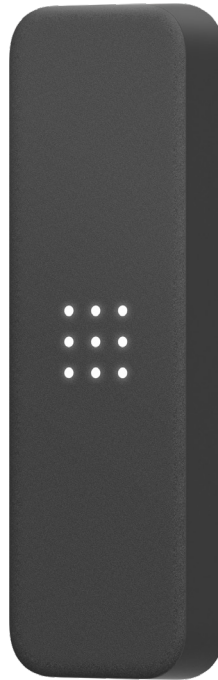


AD34-G

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 In Process (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 TD52 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 (BLE)
PIV Card Compatibility	Currently supports non-PKI FASC-N reads		

Compliance and availability

Availability	US, CAN, AUS, NZ, Japan, EU	Compliance & Safety	FCC, ICES, UKCA, CE, RCM, VCCI, UL 294, UL/cUL/IEC 62368-1, CAN/ULC-60839-11-1:2016, FY2019 NDAA compliant, TAA compliant
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General

Mullion Dimensions	Height: 131.2mm / 5.2in Width: 40.7mm / 1.6in Depth: 17.6mm / 0.7in	Single Gang Dimensions	Height: 145.1mm / 5.7in Width: 80.1mm / 3.1in Depth: 20.1mm / 0.8in
Weight	Mullion mount 0.08kg / 0.18lb Single gang mount 0.10kg / 0.23lb	Operating Temperature	-40° to 65°C / -40° to 149°F 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	Cost (MSRP) USD
AD34-HW-G	AD34-G Multi-format Card Reader for Government	\$399
ACC-AD-BP	AD34-G Single Gang Anodized Aluminum Backplate	\$99

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



Ordering Information

Standard Cloud License (New/Capacity Increase)

Model Number	Description	Cost (MSRP) USD
LIC-AC-1Y-CAP	1-Year Door License, Capacity Increase	\$249
LIC-AC-3Y-CAP	3-Year Door License, Capacity Increase	\$599
LIC-AC-5Y-CAP	5-Year Door License, Capacity Increase	\$999
LIC-AC-10Y-CAP	10-Year Door License, Capacity Increase	\$1,999

Standard Cloud License (Renewal)

Model Number	Description	Cost (MSRP) USD
LIC-AC-1Y-RNW	1-Year Door License, Renewal	\$249
LIC-AC-3Y-RNW	3-Year Door License, Renewal	\$599
LIC-AC-5Y-RNW	5-Year Door License, Renewal	\$999
LIC-AC-10Y-RNW	10-Year Door License, Renewal	\$1,999