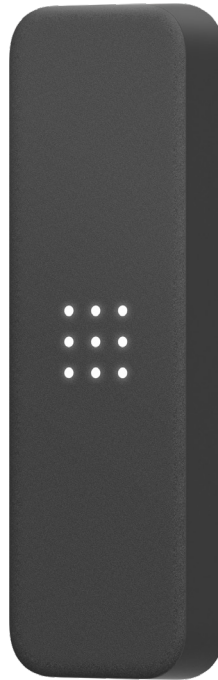


## AD34-G

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).<sup>1</sup>

### 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 |
|-------------------|----------------|--------|------------|

#### 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 & safety | FCC, CE, UL 294, UL 62368-1/CSA C22.2, CAN/ULC-60839-11-1:2016 |
|--------------|---------------------------|---------------------|----------------------------------------------------------------|

#### General

|                      |                                                                                                               |                        |                                                                           |
|----------------------|---------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------|
| Mullion dimensions   | Height: 5.2in / 131.2mm<br>Width: 1.6in / 40.7mm<br>Depth: 0.7in / 17.6mm                                     | Single gang dimensions | Height: 5.7in / 145.1mm<br>Width: 3.1in / 80.1mm<br>Depth: 0.8in / 20.1mm |
| Weight               | Mullion mount 0.18lb / 0.08kg<br>Single gang mount 0.23lb / 0.10kg                                            | Operating temperature  | -40° to 149°F / -40° to 65°C<br>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) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|--------------|------------------------------------------------|-------------------------------|-------------------------------|
| 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 license (new/capacity increase)

| Model number     | Description                                            | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|------------------|--------------------------------------------------------|-------------------------------|-------------------------------|
| 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) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|------------------|----------------------------------------------|-------------------------------|-------------------------------|
| 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) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|----------------|-----------------------------------------|-------------------------------|-------------------------------|
| 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) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|----------------|-------------------------------|-------------------------------|-------------------------------|
| 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                       |