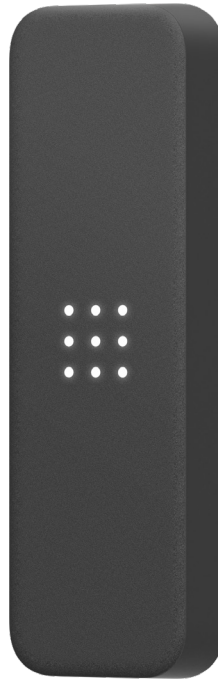


AD34 Door Reader

Magically Simple,
Effortlessly Secure



Overview

The AD34 Door Reader supports a wide array of card types, including both low-frequency proximity cards and high-frequency credentials. This includes ultra-secure, encrypted NFC credentials like Verkada DESFire EV3 cards and employee badges in Apple Wallet.

With the AD34, 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 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.

Key features

LF, HF, NFC support

Compatible with both low-frequency proximity cards and high-frequency NFC credentials such as Verkada DESFire EV3 badges and Apple Wallet.

Secure Bluetooth Intent Unlock

The AD34 can be configured to require both proximity-based Bluetooth authentication and precise unlock intent in front of the reader, such as a hand wave.

OSDP encryption

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

Ready for any installation

The AD34 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

See reader connection quality in Verkada Command to monitor performance and flag connectivity issues.

Intuitive LED feedback

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



AD34 Tech Specs



AD34

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

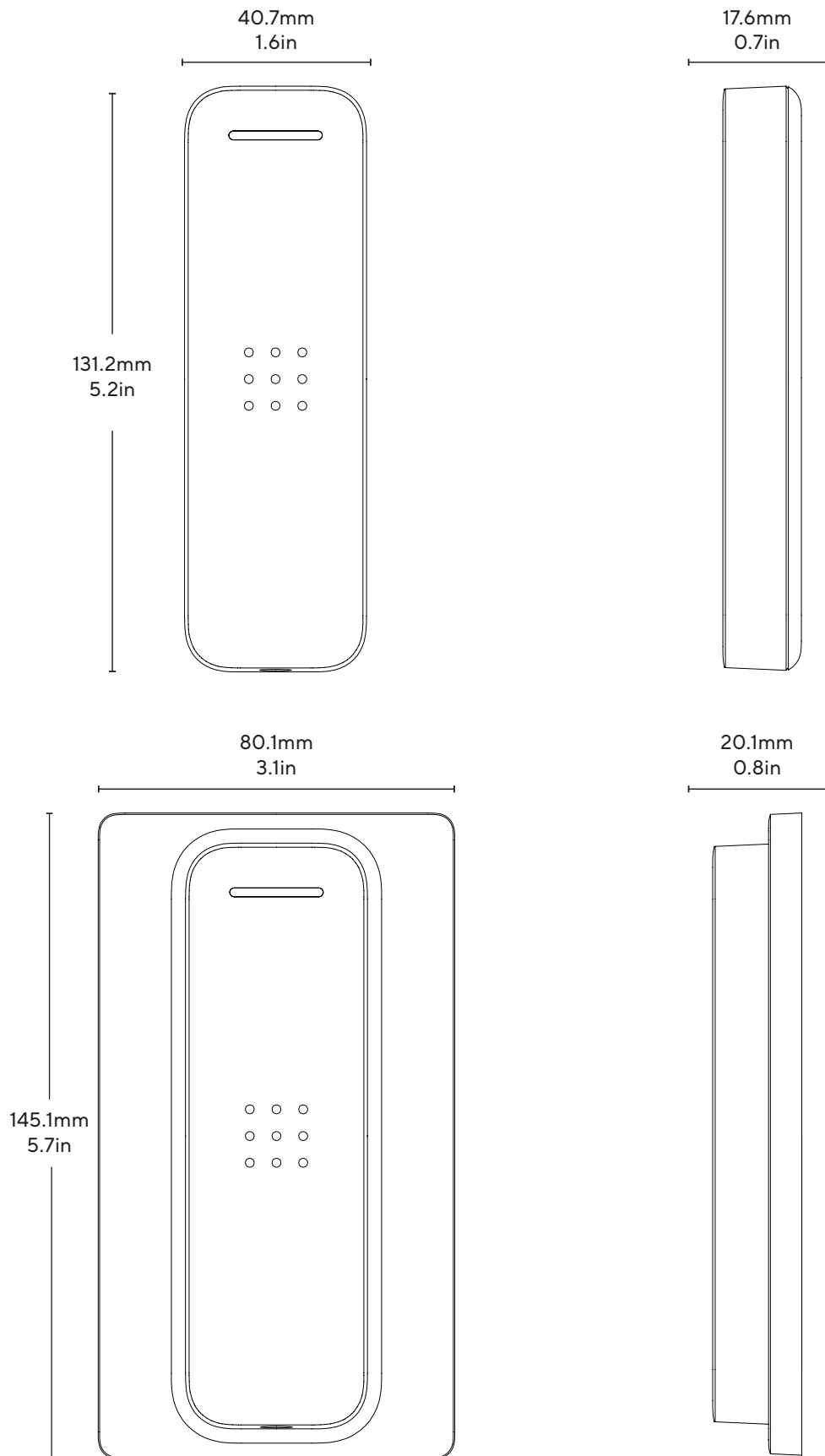
Availability	USA, CAN, UK, EU, AUS, NZ	Compliance & Safety	FCC, CE, UL 294, UL 62368-1/CSA C22.2, CAN/ULC-60839-11-1:2016
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General

Mullion Dimensions	Height: 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 Door Reader

Model Number	Description	Cost (MSRP) USD
AD34-HW	AD34 Door Reader	\$349
ACC-AD-BP	AD34 Single Gang Anodized Aluminum Backplate	\$99



Ordering Information

Access Control 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

Access Control 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



Ordering Information

Mobile NFC License (New/Capacity Increase)

Note: Apple Wallet is not compatible with AD31, AD32, or third party reader hardware. Verkada can only support Corporate Badges on Apple Wallet. Verkada cannot issue Resident Cards for Multi Family Units, Room Keys for Hospitality, or Student IDs for Higher Education.

Model Number	Description	Cost (MSRP) USD
LIC-MNFC-20-1Y-CAP	Add up to 20 users with a mobile NFC credential for 1 year, Capacity Increase	\$199
LIC-MNFC-20-3Y-CAP	Add up to 20 users with a mobile NFC credential for 3 years, Capacity Increase	\$599
LIC-MNFC-20-5Y-CAP	Add up to 20 users with a mobile NFC credential for 5 years, Capacity Increase	\$999
LIC-MNFC-20-10Y-CAP	Add up to 20 users with a mobile NFC credential for 10 years, Capacity Increase	\$1,999

Mobile NFC License (Renewal)

Model Number	Description	Cost (MSRP) USD
LIC-MNFC-20-1Y-RNW	Add up to 20 users with a mobile NFC credential for 1 year, Renewal	\$199
LIC-MNFC-20-3Y-RNW	Add up to 20 users with a mobile NFC credential for 3 years, Renewal	\$599
LIC-MNFC-20-5Y-RNW	Add up to 20 users with a mobile NFC credential for 5 years, Renewal	\$999
LIC-MNFC-20-10Y-RNW	Add up to 20 users with a mobile NFC credential for 10 years, Renewal	\$1,999