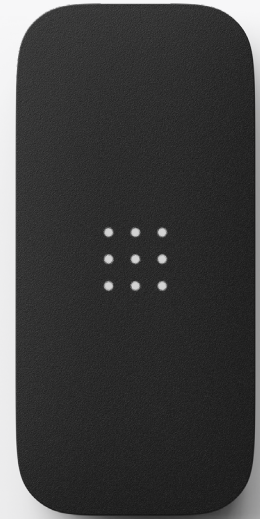## AD32 — Multi-Format Card Reader

# Experience end-to-end Verkada Access Control

## Overview

- Access doors using low and high frequency cards, as well as a mobile device with the Verkada Pass app.
- Two-way communication with an integrated LED to display door status for entry and events.
- Protected against the harshest environments with an IP65 and IK08 rating.
- Access and manage the AD32 from Verkada's cloud-based Command platform.

## AD32 Tech Specs

| | |
|---|---|
| **Mullion Dimensions** | 95 x 45 x 21mm (3.7 x 2.9 x .82in) |
| **Single Gang Dimensions** | 120 x 80 x 21mm (4.7 x 3.1 x .82in) |
| **Low Frequency** | HID Prox II 26-Bit (H10301), 37-Bit Wiegand HID H10304, 37-Bit Wiegand HID H10302, HID 35-Bit Corporate 1000 |
| **High Frequency** | MiFare / DESFire (CSN), NFC |
| **Ratings** | IP65, IK08 |
| **Compliance** | FCC, CE, UL 294, UL 62368-1/CSA C22.2, CAN/ULC-60839-11-1:2016, NDAA, TELEC |
| **Operating Temperature** | –40° to 65°C (–40° to 149°F) |
| **Controller Compatibility** | Requires Verkada AC41 Access Control Unit |
| **Mounting** | Unit ships with both standard Single Gang mounting plate and Mullion mounting plate. |
| **Power Consumption** | 12V, 300mA max |

## AD32 Wiring

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