



AD31 — 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 IP66 and IK08 rating.
- Access and manage the AD31 from Verkada's cloud-based Command platform.



AD31 Tech Specs

Dimensions	120 x 76 x 21.5mm (4.7 x 3 x .85 in)
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	IP66, IK08
Compliance	FCC, CE, UL 294, UL 62368-1/CSA C22.2 No. 62368-1, CAN/ULC-60839-11-1:2016
Operating Temperature	-30° to 65° C (-22° to 149° F)
Controller Compatibility	Requires Verkada Access Controller (AC41)
Mounting	Standard single gang
Power Consumption	200mA at 12V

AD31 Wiring

Wire Color	Abbreviation	Name
Black	-	Ground
Blue	B	RS485-B
Purple	A	RS485-A
Red	+	+12V IN