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Alarm.com Battery Doorbell

ADC-VDB781B
DATA SHEET



Key Features

- Install at any entrance—no wires needed—plus enjoy multi-month battery life
- Never miss a thing with smart alerts for people, vehicles, packages, and even familiar faces
- See everything at your doorstep, with crystal-clear 2.4MP video and an expansive 148° x 148° field of view.
- Protect your home proactively with Perimeter Guard® warning sounds and the ability to talk to visitors from anywhere
- Easily recharge, swap batteries, or opt for wired charging and chime support

Overview

The ADC-VDB781B battery-powered doorbell lets you expand your market by enabling installs anywhere—no wiring needed. Advanced AI features like Familiar Face analytics and package detection create easy upsell opportunities and more recurring revenue. With a versatile, replaceable battery pack and seamless integration—no hub required—installations are simple and service is efficient. The 781B helps you win more business and deliver unmatched value to your customers.

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Included accessories

- USB-C Charging cord
- Wall plate
- Mounting hardware
- Wall spacers
- 5° tilt wedge

Specifications

Max resolution:
1536 x 1536

Recording compression:
H.264

Ingress protection:
IP54

Field of view:
148° Horizontal, 148° Vertical

Wi-Fi connectivity:
2.4 GHz and 5 GHz Wi-Fi 5 (802.11ac)
Bluetooth 5.4

Battery capacity:
6450mAh

Charging time:
Approximately 5 hours

Wired charging:
Input at the doorbell terminals:
≥8VAC @ 60Hz, ≥10VAC @ 50Hz,
or ≥5VDC

Motion detection mechanism:
Passive infrared sensor

Image sensor:
1/2.4" Color CMOS

IR range:
Up to 15 feet (5 meters)

Image adjustments:
Flip, brightness, contrast, saturation, sharpness, exposure

Operating temperature:
-4°F to 113°F (-20°C to 45°C)

Operating humidity:
20% - 100% non-condensing RH

Compliance:
FCC, IC, CE, & RCM

Dimensions:
(W x L x D) 2.0 x 6.3 x 1.33″
(51.3 x 160 x 34 mm)

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