Alarm.com Wireless Video Doorbell

ADC-VDB780B

DATA SHEET

Key features

- Completely wireless installation

- Rechargeable (micro USB) battery pack

- Optimized for battery life that is expected to last up to six months

- Advanced motion detection provides increased awareness with timely alerts

- Two-Way Audio through the mobile app

- Installation flexibility for optimal viewing

- 160° horizontal FOV

- Full HD 1080p recording

- Wi-Fi connection to the Alarm.com Smart Chime (ADC-W115C) or Smart Gateway (ADC-SG130) (sold separately) required

Overview

The Alarm.com Wireless Video Doorbell is a battery-powered doorbell camera that features HD video, Video Analytics for rapid people detection, Two-Way Audio, a wide field of view, and a rechargeable battery.

This completely wireless video doorbell gives you the flexibility to choose the perfect installation location without depending on the existing wiring or chime. The VDB780B must be connected over Wi-Fi to the Alarm.com Smart Chime (ADC-W115C).

Specifications

Recording compression: H.264

Ingress protection: IP66

Max resolution: 1920x1080

Image sensor:
2.12 MP - 1080p, Sony IMX323 ABR
control support and MJPEG

Lens/angle of view:
160° horizontal, 90° vertical, 175° diagonal

Low-light sensitivity:
0.5 lux with IR LED off IR range:
Up to 15 feet (5 meters)

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

Wi-Fi connectivity: 802.11 b/g/n, 2.4 GHz

Operating and storage temperatures:
-4°F to 122°F (-20°C to 50°C)

Operating humidity:
20% to 100% (non-condensing)

Dimensions:
(W x L x D) 2.5 x 5.3 x 1.2"
(64 x 134 x 30 mm); mounting bracket
adds 0.2" (6 mm) to depth

Motion sensor: Passive infrared sensor

Battery pack capacity:
9540mAh nominal capacity

Charging requirement: 5V/1.5A charger

Charging time: Up to 7 hours

Speaker: 1W, 8Ω speaker

Microphone: Single, omni-directional,
analog,>-40dBV/Pa

Included accessories

- Charging cable
- Mounting plate
- Mounting screws and anchors
- Installation guide
- 10° tilt wedge

LED guide

① Top LED

② Button LED

Charging States

Mode	Description	Top LED Behavior	Button LED Behavior
Charging	The battery pack is plugged in and charging.	Solid orange	**On Button Press** Solid green = >75% charged Solid orange = 75% -15% charged Alternating red and blue = < 15% charged
Fully charged	The battery pack is fully charged.	Solid green	**On button press,** Solid green
Failure charging	Remove the charging cable and re-attempt charging after an hour. If you see the same behavior, please contact your provider.	Alternating orange and green	Alternating red and white
Under temperature	The battery pack's internal temperature is too cold. Please charge the battery pack in a room temperature setting.	Solid green	Alternating yellow and red
Over temperature	The battery pack's internal temperature is too hot. Please charge the battery pack in a room temperature setting.	Solid green	Blinking red rapidly

Operational States

Mode	Description	Button LED Behavior
Standby or off	The camera is in standby mode (normal operation) or the battery is drained and requires recharging.	Off
Local connection	The camera has a local network connection.	Solid green
No local connection	The camera does not have a local network connection.	Solid red
Low battery	The camera's battery is low and requires a recharge.	Alternating red and blue
Connecting to network	The camera is powered on and connecting to a network.	Blinking red
WPS mode	The camera is in WPS pairing mode. To enter this mode, press and hold the button for 30-45 seconds.	Blinking blue
AP mode	The camera is in AP pairing mode. To enter this mode, press and hold the button for 46-60 seconds.	Blinking white
Power cycle	The camera is being power cycled. To enter this mode, press and hold the button for 61-75 seconds.	Blinking yellow
Factory reset	The camera resetting to factory default. To enter this mode, press and hold the button for 76-180 seconds.	Alternating red and green
Firmware upgrade	The camera's firmware is being updated.	Blinking yellow rapidly