LOREX®

2K Wired Video Doorbell

With Person Detection

works with the **Google** Assistant

works with alexa

Compatible with
LOREX
SMART HOME SECURITY CENTER

*Requires existing doorbell wiring, with 16-24VAC.

Connect and be home

Front Door

Listen-in Quick Response

2K — Resolution you can look up to

With impressive 2K Resolution, you will have clear video quality displaying the finest detail.

4:3 — 4:3 Aspect Ratio

See more with the doorbell's 4:3 aspect ratio, providing additional height to the field of view frame, allowing you to get the full picture.

Color Night Vision

Be able to see who's at your door, day and night, with Color Night Vision.

High Dynamic Range

Always providing the best picture quality. HDR imaging provides enhanced clarity by automatically correcting the exposure levels when lighting situations are not ideal.

Remote viewing from your mobile device with Lorex Home™

Your home will always be within reach with help from the Lorex Home™ app. This versatile app allows you to remotely access your Video Doorbell so you can easily view live video, customize your system settings, playback recorded motion events and more.
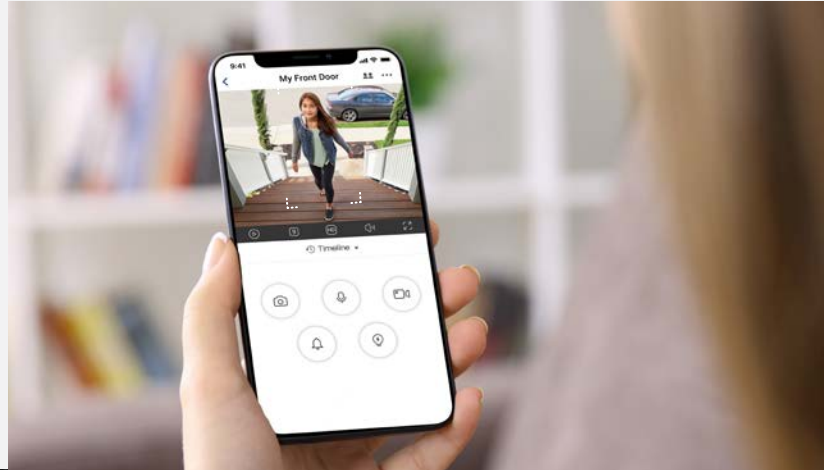
Lorex Home™

Download on the **App Store**

Download on **Apple TV**

GET IT ON **Google Play**

B451AJ Series

lorex.com

LOREX® 2K Wired Video Doorbell
With Person Detection

See who's there, even if you're not

Be aware of activity around your doorstep with built-in Person Detection feature. Your video doorbell will detect motion generated from a person and send an instant notification to your smartphone through the Lorex Home™ app. The best part – Person Detection comes at no extra cost or monthly fees!

Shed Light on your Doorstep

With the nightlight feature, you can schedule the LED to turn on at a certain time every night. For an added layer of security, you can program the LED to be motion triggered with active siren to deter any unwanted guest.

Pre-recorded Messages and 2-Way Talk

When someone rings your doorbell, you have the option to send 1 of 3 welcome messages to the visitor at the door, such as "Please leave package right there." To add your personal touch, you can record a custom message for your visitors. If needed, you will be able to hear and speak directly to anyone on your doorstep using 2-Way Talk, thanks to the built-in mic and speaker.

No Monthly Fees

All video footage is safely stored on the MicroSD card located within the device. Upgrade your storage to a maximum of 256GB. Local storage means your data is secure, and No Monthly Fees.

Expand your system with the Fusion Collection

FUSION COLLECTION

Award winning whole home security solution

CES INNOVATION AWARDS 2021 HONOREE

Pair this video doorbell with additional wired and wireless products to enhance your Lorex security experience.
Never miss a thing with 24/7 continuous recording when paired with the recorder.*

*Sold Separately

Mounting Brackets Included
Customize your 2K Video Doorbell installation to fit your needs with the two included mounting bracket wedges.

Horizontal Bracket 15º

Vertical Bracket 5º

Installation Requirements

1 Existing electrical wiring for doorbell.

2 16V ~ 24V AC
12 ~ 24V DC

3 Wi-Fi Connectivity

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Product Specifications

Max Video Resolution	2K (2560 × 1920)
Aspect Ratio	4:3
Video Modes	2K, 1080p (default), D1
Video Features	HDR
Max Lens Field of View	164º diagonal
Nightlight / Warning Light	Yes
Quick Responses	Yes
Night Vision	Night Vision, high powered Infrared LEDs (850nm) with IR Cut Filter
Indoor/Outdoor	Outdoor, IP65 rated
Digital Zoom	8x
Microphone	Microphone with noise cancellation
Speaker/Siren	Yes
Audio	Full Duplex 2-Way audio
Network Connectivity	2.4/5Ghz 802.11b/g/n/ac
Operating Temperature	-4°F to 122°F / -20°C to 50°C

Model Information

B451AJ-E	Lorex 2K Video Doorbell (white) - US packaging	6-95529-02782-1
B451AJ-F	Lorex 2K Video Doorbell - (white) Canadian packaging	6-95529-02905-4
B451AJDB-E	Lorex 2K Video Doorbell (black) - US packaging	6-95529-04000-4

Dimensions

Package	Retail Box
Package Weight	1.17lb / 0.53kg
Package Dimensions (W × D × H)	7.7 × 7.3 × 2" / 196 × 185 × 51mm
Package Cube	0.065 cbf / 0.0018cbm

What's in the box

2K Lorex Wired Video Doorbell*	Chime Kit	Mounting Plate	Horizontal Bracket 15º	Vertical Bracket 5º

Release/Reset Pin	USB Cable	Wire Extension	Mounting Kit	32GB MicroSD	Quick Start Guide

*2K Doorbell available in either white or black. See "Model Information" for details.

Disclaimers:
1. Audio recording without consent is illegal in certain jurisdictions. Lorex Technology does not assume liability for any use of its product that fails to conform with local laws.
2. Requires a high-speed internet connection and a Wi-Fi router (not included) for remote access. A minimum upload speed of 3.5 Mbps is required for the best video performance.
3. Requires 16 - 24 VAC. If the install location does not have this, a transformer will be required to operate properly. Consult a licensed electrician if in doubt.
4. Not intended for submersion in water. Installation in a sheltered area recommended.

Lorex products are designed for consumer and business use only and not for US federal governments, federally-funded projects or contractors subject to NDAA.