



Lenovo Smart Frame

User Guide

Lenovo CD-3L501F





Note:

- All pictures and illustrations in this document are for reference only.
- The Lenovo Smart Frame app supports both Android™ and iOS systems. This document uses the Android system as an illustrative example.
- Because the Lenovo Smart Frame app will regularly be updated, refer to the latest version for the actual procedure and screenshots.
- Keep the network stable during use of the Lenovo Smart Frame.
- The Lenovo smart app referred to in this manual is a phone app.

Before using this information and the product it supports, be sure to read the following:

- *Safety, Warranty & Quick Start Guide*
- *Regulatory Notice*
- "Important safety and handling information" in "Appendix".

The *Safety, Warranty & Quick Start Guide* and the *Regulatory Notice* are available at:

<http://support.lenovo.com>

Lenovo Help

Looking for help? The Lenovo Help app can offer you support with direct access to Lenovo's web assistance and forums*, frequent Q&A*, system upgrades*, hardware function tests, warranty status checks*, service requests**, and repair status**.

1. Open the app and log in with your account.



2. Enter **Home screen**, tap  > **Support** to get more help.

Note:

* *requires data network access.*

** *is not available in some countries.*

Privacy protection

To protect your privacy, you can delete the device data by removing the Smart Frame device or performing a factory reset in the app.

1. Open the app and log in with your account.



2. Enter **Device home screen**, tap .

- Tap **Remove Device** to remove the existing Smart Frame devices.
- Enter **About Device**, tap **Factory Reset Device** to factory reset.



Technical specifications

Model	Lenovo CD-3L501F
Dimension	21.5"
Resolution	1920 x 1080
Wireless communication	Bluetooth 5.0; WLAN 802.11 ac/a/b/g/n, 2.4GHz/5GHz





Getting started

Getting the app

Search for and download the Lenovo Smart Frame App from the Google Play Store or Apple App Store to begin the setup process.

Connecting to device

You'll need to connect your Lenovo Smart Frame to the Internet before using it.

1. Open the Lenovo Smart Frame app.
2. Log in to the app with your Lenovo ID. You can also sign up using email, or use your google or facebook accounts to login in.

Note: You will need a Lenovo ID to log in to the app if using an IOS system.

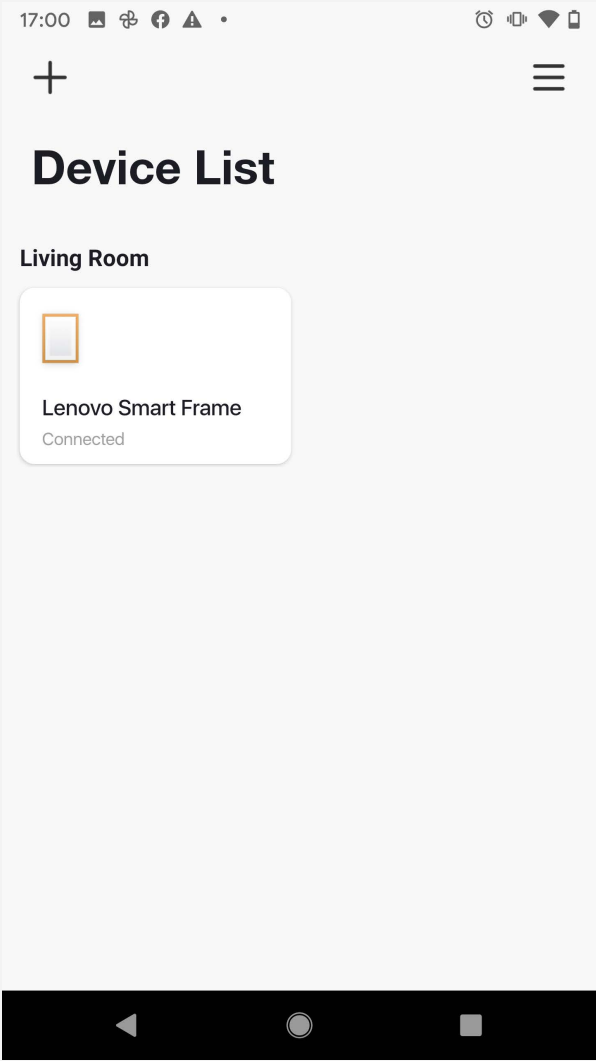
3. Turn on Bluetooth. In the app's **Home screen**, tap **Add New Device** to find a device. Once a device is found, you can follow the instructions to confirm that it is the right device by matching the numbers displayed on both screens, and select **Connect** to continue.
4. Connect to a WLAN network for your Smart Frame device.
5. Follow the on-screen instructions to set up your Lenovo Smart Frame and connect your Google account.



Using the Lenovo Smart Frame app

Home screen

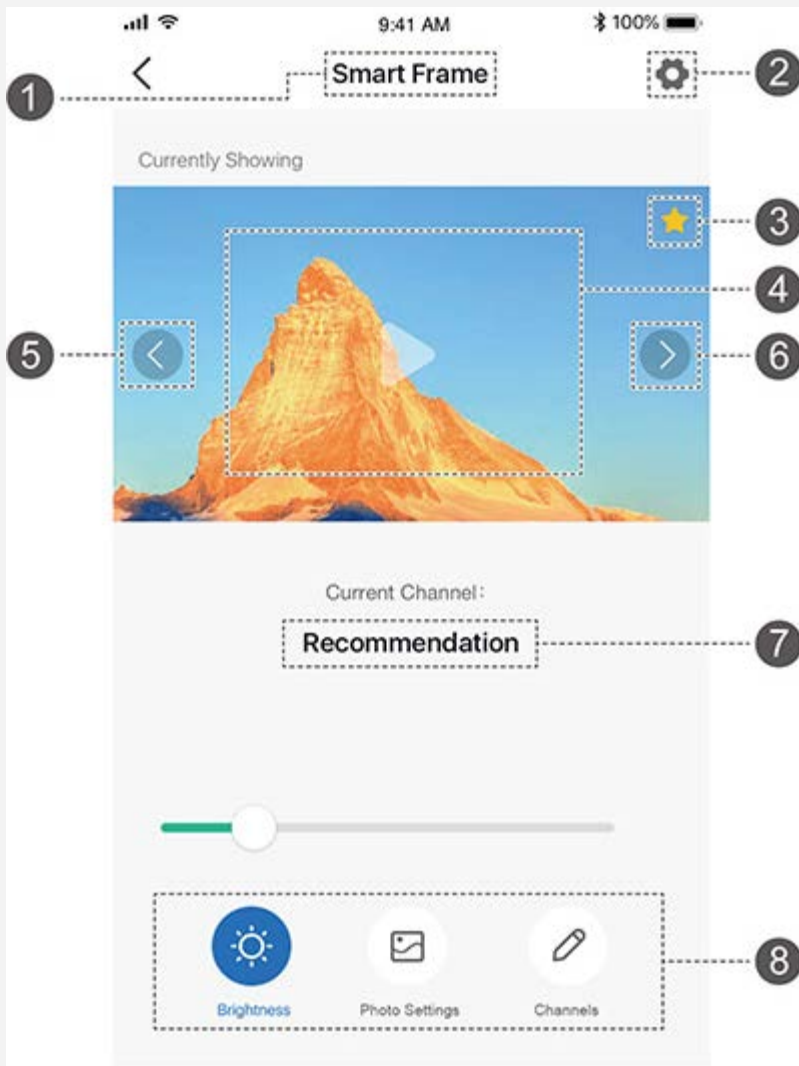
After signing up on your app, enter the **Home screen**. Pull down from anywhere on the screen to refresh.



1. Add device and manage rooms	4. The Lenovo Smart Frame device image, tap it to enter the Device Home screen
2. Include App Settings, Voice Control, Support, Contact Us and About	5. Display connectivity status of device
3. Display room name	

Device home screen



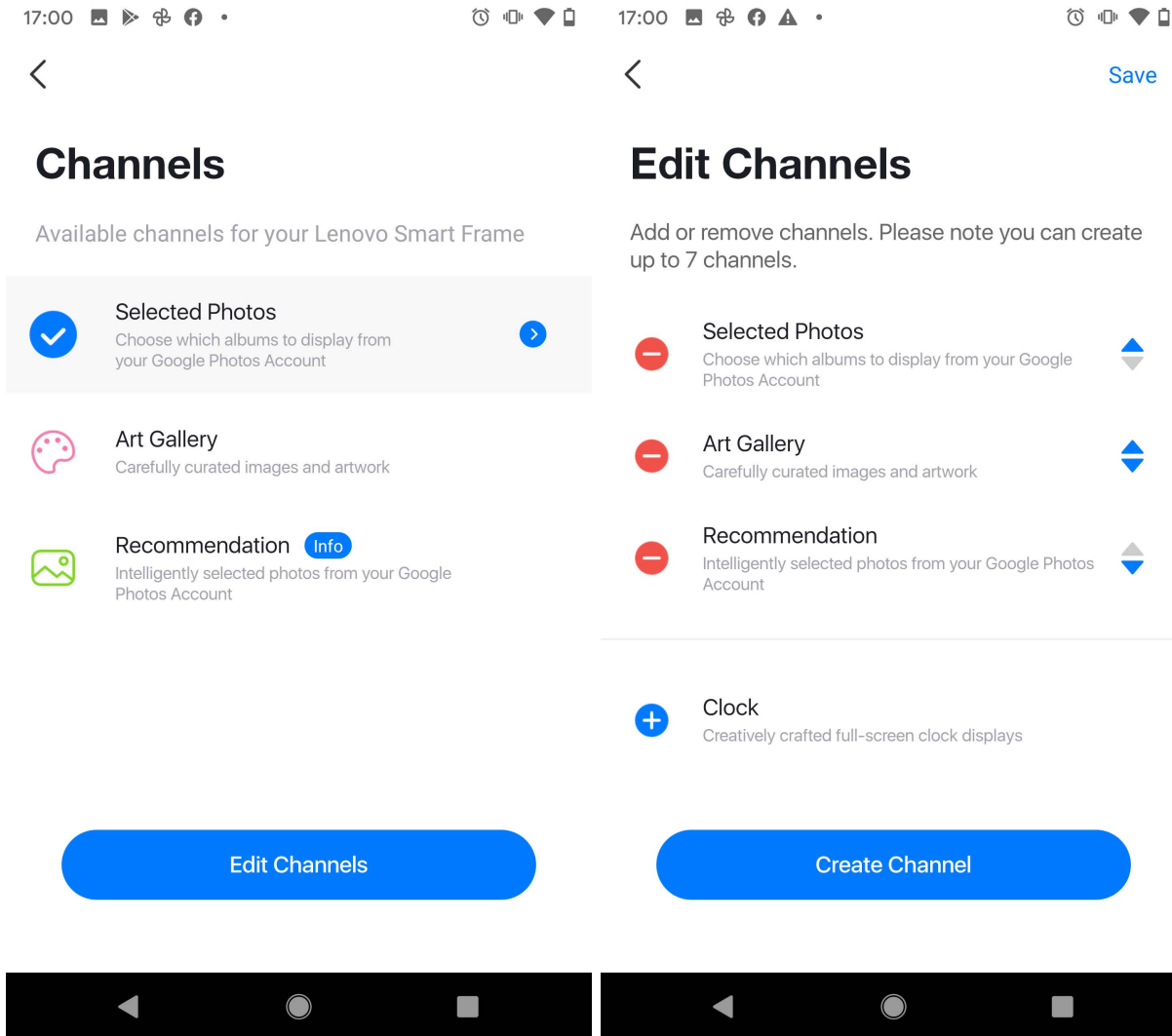


1. Display default or user-specified device name	5. Go to previous item, such as previous photo and previous artwork
2. Settings include General Settings, Device Settings, More and Remove Device	6. Go to next item, such as next photo and next artwork
3. Click on the "star" icon to save a photo to favorites	7. Current channel
4. Display what the connected device is showing	8. Include Brightness, Photo Settings and Channels





Channel list



The Smart Frame device includes several channels to display different content. You can edit the channel, select a default or optional channel, or create a new channel.

- Selected photos: Allows you to select album(s) from your existing Google Photos account.
- Art gallery: Displays a pre-composed collection of artwork.
- Recommendation: Curates photos from your entire Google Photos library randomly based on an intelligent algorithm using criteria such as this week in history and recent events.
If there are items that you may not want the frame to show, be sure to archive them directly from your Google Photos account before displaying this channel.
- Clock: Displays a full screen clock face of your choice.



Manage your channel

1. Open the app, enter the **Device home screen**, tap **Channels**.
2. Tap **Edit Channels**.
3. Remove channels from the channel list or add channels to the channel list and then tap **Save**.

Create channel

1. Open the app, enter the **Device home screen**, go to **Channels > Edit Channels**.
2. Tap **Create Channel**, select album to create your custom channel and then tap **Create**.





Function display

Display your photos

Select an album from your existing Google Photos account and choose which photos within are listed.

1. Open the app, enter **Device home screen**.
2. Tap **Channels**, select the **Selected Photos** channel and select an album from Google photos.
3. Go to  > **Photo Display Settings**, and set up the photo display style.
 - The **Show Pair** switch is set to on by default and needs be turned off to display single photos.
 - Turn on the **Lock Orientation** switch and the Smart Frame device will only show photos in the locked orientation.
 - Tap **Slideshow Speed** and select the speed at which your photo slideshow plays. During the slideshow, you can pause and play the photos.
 - Turn on **Curated Collage Display** switch and the Smart Frame device will auto-curate and display collages.

Show photo created date and show time

1. Open the app, enter the **Device home screen**.
2. Go to  > **Photo Display Settings**, and set up the date and time.
 - Tap **Show Time** and select 12-Hour time or 24-Hour time.
 - The **Display Photo Created Date** switch is set to on by default.

View clock

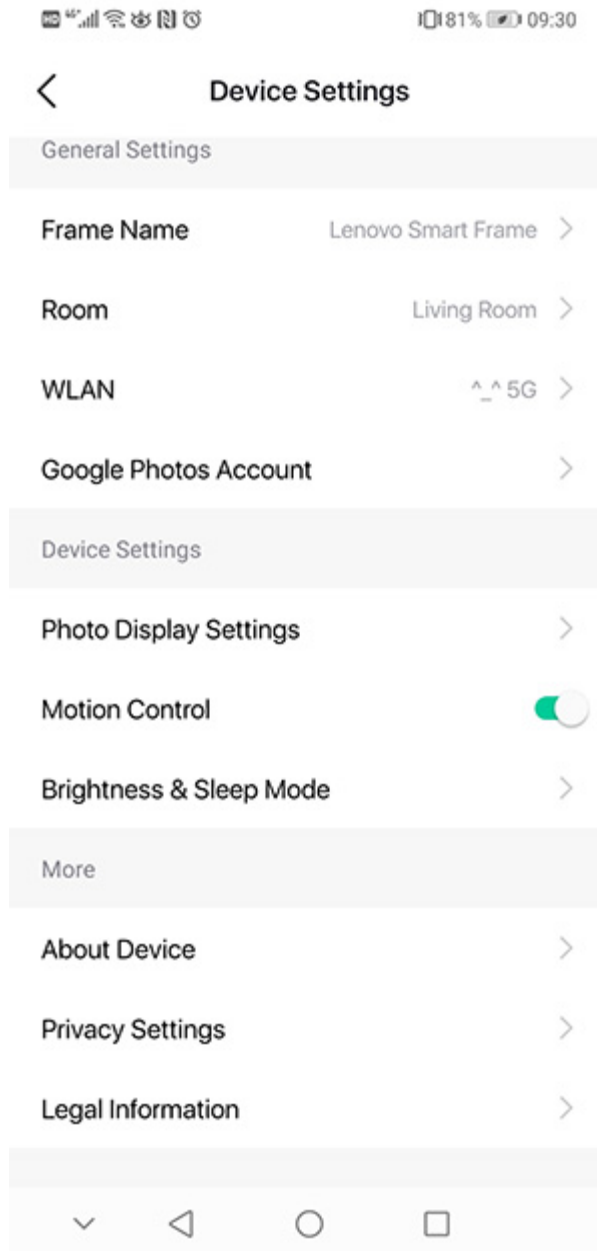
The clock channel displays a full screen clock face of your choice.

1. Open the app and enter **Device home screen**.
2. Tap **Channels**, select **Clock** channel, and select a clock face.





Motion control



Item transition

1. Open the app, enter **Device home screen**.

2. Go to  > **Motion Control**, the **Motion Control** switch is set to on by default and needs be turned off to disable the gesture for your Smart Frame device.



3. Swipe left for the next item (photo, artwork), swipe right for the previous item (photo, artwork).

Channel transition

1. Open the app, enter the **Device home screen**.
2. Go to  > **Motion Control**, the **Motion Control** switch is set to on by default and needs be turned off to disable the gesture for your Smart Frame device.
3. Swipe up for the next channel.

Motion sensor failure

The motion sensor cannot work properly under the below conditions:

- The light in the room is too bright, such as direct sunlight shining on the frame.
- The frame is put on a table and the gesture sensor is close to the table surface.
- Hand movement is not horizontally level with the motion sensor position.

Note: We suggest you stand closer to the frame and wait until the keys on the frame light up before starting a motion command.





Voice control

< Alexa

1 Tap "Enable Skill" below and follow the instructions to link Lenovo Smart Frame with Alexa.

2 Once the skill is enabled successfully, you can say "Alexa, discover device." to find your Lenovo Smart Frame.

Try saying "Alexa, next channel on Lenovo Smart Frame." or "Alexa, next photo on Lenovo Smart Frame."

Additionally, you can also find a list of available voice commands on Lenovo Smart Frame's Alexa Skills page.

Enable Skill

< Google Assistant

1 Download and open the Google Home or Google Assistant App.

2 Find "Set up device" or "Add..." and select "Link a smart home device."

3 Search for "Lenovo Smart Frame" and follow the instructions to sign in and link your Smart Frame device.

4 Once linked successfully, you can say: "Ok Google, turn on Lenovo Smart Frame" or "Ok Google, turn off Lenovo Smart Frame."

If you have customized your device name, replace "Lenovo Smart Frame" with your custom device name when using voice commands.

Control the Smart Frame device with your voice. According to different commands, the Smart Frame device performs different actions.

1. Open the app, enter the **Home screen**.



2. Tap  > **Voice Control**. Follow the instructions to enable Alexa and Google Assistant voice command for your Smart Frame device.



3. You can control the Smart Frame device with existing Alexa or Google Assistant devices.

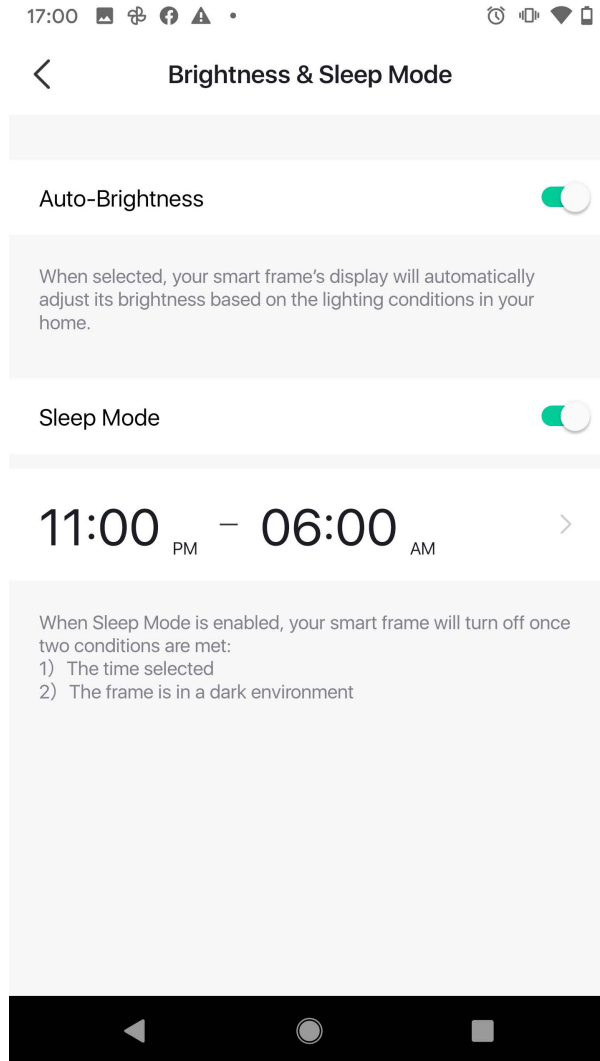
For example:

You can say "OK Google, turn on Lenovo Smart Frame" or "Alexa, turn on Lenovo Smart Frame".





Auto-Brightness & Sleep mode



The frame display adjusts brightness based on your environment and turns off after being in a dark environment for a moment at the preset time when sleep mode is enabled. The frame will exit sleep mode if the preset exit time arrives or the environment becomes brighter again.

Manage Sleep mode and set a preset time

1. Open the app and enter **Device home screen**.

2. Go to  > **Brightness & Sleep Mode**, the **Sleep Mode** switch is set to on by default and needs be turned off to disable the sleep mode preset.

3. Set a preset time.



Manage Auto-Brightness

1. Open the app and enter **Device home screen**.
2. Go to  > **Brightness & Sleep Mode**, the **Auto-Brightness** switch is set to on by default and needs be turned off to disable the auto-brightness preset.

Note: When manually adjusting brightness settings, the brightness will still automatically revert back to auto-brightness presets when a preset time arrives.





Appendix

Important safety and handling information

To avoid personal injury, property damage, or accidental damage to the product, read all of the information in this section before using the product. For additional tips to help you operate your device safely, go to <http://www.lenovo.com/safety>.

Handle your device with care

Do not drop, bend, or puncture your device; do not insert foreign objects into or place heavy objects on your device. Sensitive components inside might become damaged.

Your device screen is made of glass. The glass might break if the device is dropped on a hard surface, is subjected to a high impact, or is crushed by a heavy object. If the glass chips or cracks, do not touch the broken glass or attempt to remove it from the device. Stop using the device immediately and contact Lenovo technical support for repair, replacement, or disposal information.

When using your device, keep it away from hot or high-voltage environments, such as electrical appliances, electrical heating equipment, or electrical cooking equipment. Use your device only in the temperature range of 0°C (32°F) to 40°C (104°F) (storage -20°C (-4°F) to 60 °C (140°F)) to avoid damage.

Don't expose your device to water, rain, extreme humidity, sweat or other liquids.

Do not disassemble or modify your device

Your device is a sealed unit. There are no end-user serviceable parts inside. All internal repairs must be done by a Lenovo-authorized repair facility or a Lenovo-authorized technician. Attempting to open or modify your device will void the warranty.

Plastic bag notice

DANGER:

Plastic bags can be dangerous. Keep plastic bags away from babies and children to avoid danger of suffocation.

Adapter information

- **Prevent your device and AC adapter from getting wet.**

Do not immerse your device in water or leave your device in a location where it can come into contact with water or other liquids.

- **Use approved charging methods only.**

Note: Please only use standard Lenovo power adapters. The use of third-party power adapters will affect the charging speed, resulting in abnormal charging and potential damage to the equipment.

- Connect a standard power adapter to a suitable power outlet.



Charging devices might become warm during normal use. Ensure that you have adequate ventilation around the charging device. Unplug the charging device if any of the following occurs:

- The charging device has been exposed to rain, liquid, or excessive moisture.
- The charging device shows signs of physical damage.
- You want to clean the charging device.

Warning:

Lenovo is not responsible for the performance or safety of products not manufactured or approved by Lenovo. Use only approved Lenovo ac adapters.

Dispose according to local laws and regulations

When your device reaches the end of its useful life, do not crush, incinerate, immerse in water, or dispose of your device in any manner contrary to local laws and regulations. Some internal parts contain substances that can explode, leak, or have an adverse environmental effects if disposed of incorrectly. See “Recycling and environmental information” for additional information.

Keep your device and accessories away from small children

Your device contains small parts that can be a choking hazard to small children. Additionally, the glass screen can break or crack if dropped on or thrown against a hard surface.

Be aware of heat generated by your device

When your device is turned on, some parts might become hot. The temperature that they reach depends on the amount of system activity. Extended contact with your body, even through clothing, could cause discomfort. Avoid keeping your hands, your lap, or any other part of your body in contact with a hot section of the device for any extended time.

Electronic emission notices

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an authorized dealer or service representative for help.

Lenovo is not responsible for any radio or television interference caused by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference



received, including interference that may cause undesired operation.

Responsible Party:

Lenovo (United States) Incorporated

1009 Think Place - Building One

Morrisville, NC 27560

Telephone: 1-919-294-5900



ISED Caution

This device complies with Innovation, Science and Economic Development Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Environmental, recycling, and disposal information

General recycling statement

Lenovo encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed. Lenovo offers a variety of programs and services to assist equipment owners in recycling their IT products. For information on recycling Lenovo products, go to <http://www.lenovo.com/recycling>.

Important WEEE information



Electrical and electronic equipment marked with the symbol of a crossed-out wheeled bin may not be disposed as unsorted municipal waste. Batteries and waste of electrical and electronic equipment (WEEE) shall be treated separately using the collection framework available to customers for the return, recycling, and treatment of batteries and WEEE. When possible, remove and isolate batteries from WEEE prior to placing WEEE in the waste collection stream.

Country-specific information is available at <http://www.lenovo.com/recycling>.

Recycling information for Japan

Recycling and disposal information for Japan is available at <http://www.lenovo.com/recycling/japan>.

Recycling information for India

Recycling and disposal information for India is available at http://www.lenovo.com/social_responsibility/us/en/sustainability/ptb_india.html.

Export classification notice



This product is subject to the United States Export Administration Regulations (EAR) and has an Export Classification Control Number (ECCN) of 5A992.c. It can be re-exported except to any of the embargoed countries in the EAR E1 country list.

Troubleshooting

Unable to pair to smart phone

1. Make sure that the frame is not connected to any other smart phone. The Frame can only connect to one smart phone at a time.
2. Make sure the Bluetooth function on your smart phone is working properly. You may test your smart phone Bluetooth function by pairing it to other smart phones.
3. On the frame, long press both the star and volume down key at the same time for 5 seconds to go back to the pair interface, and try to pair again.
4. If you still cannot pair the smart phone, please call customer service.

Fail to log into Google Photo

1. Make sure your smart phone is connected to the Internet.
2. Make sure Google Photo is available at the time and region you are using it.
3. Make sure your Lenovo Smart Frame app is the latest version. Reinstall if needed.
4. Make sure the network remains stable when you log in with your Google ID.
5. If you still cannot log in, please call customer service.

Why Google ID may require re-login

This is part of the Google security mechanism where you are required to log in to your Google ID after a period of time.

Cannot connect to WLAN

1. If your frame cannot connect to WLAN, please try to reconfigure your frame and pair to your device again. During the pairing you will be asked to select the WLAN network the frame will be connected to.
2. If the above does not solve the issue, please call customer service.

The Frame is unresponsive

1. Please unplug and plug back in the power cable.
2. Long press the star and volume down key at the same time for 5 seconds to go back to the pair interface, and then retry.
3. If it still cannot be resolved, please call customer service.

