



Camera on.

Adjust settings.

Tap anywhere to change the focus (rear camera only) or exposure. Touch and hold to lock the focus in an area.

Use Google Lens.

Slide to choose photo, video, or select a mode.

Take a photo.

Switch to front camera.

» **Take a photo:** Tap to take a photo.

» **Take a selfie:** Tap in the camera screen to switch to the front camera.

**Multi-shot:** Touch and hold to take a burst of photos.

» **Tips:** To see tips to help you take great photos, tap .

## Record videos

**Find it:** **Camera**, then tap **VIDEO**

Tap to start recording. Then tap to stop recording. Tap on the screen to save a photo while recording. Or tap to pause the video.

## Camera options

Point, tap, and you're done, or play with these camera options.

### Viewfinder options for rear and front cameras

#### Google Lens

Find out more about the things you see in the viewfinder. See [Identify & scan items using Google Lens™](#).

#### Macro camera

Take a detailed close-up photo with the macro camera.

## Viewfinder options for rear and front cameras

### .5/5x Ultra-Wide camera

Take an ultra-wide angle photo with the ultra-wide camera. Touch **.5x** and drag the slider to set magnification.

### 1/1x and 2/2x Main camera

Take a regular photo with the main camera. Touch and hold **1x** or **2x** and drag the slider to set magnification.

**Note:** The maximum magnification is **10x**.

### 2x Telephoto portrait camera

Take excellent portraits with the telephoto portrait camera, or touch and hold **2x** and drag the slider to zoom in when taking photos from a distance.

**Note:** The maximum magnification is **16x**.

### Live Filter

Choose a filter to adjust the contrast, brightness, color, saturation, and other aesthetic settings of your photo. Tap **ORIGINAL** to see how your photo would look without a filter, or select the desired filter, like **NATURAL LIGHT**, **ROMANTIC**, or **FILM**.

### Action shot

Take blur-free photos of people, dogs, and cats in motion.

### Flash

Set to **AUTO**, **ON**, or **OFF**.

### Auto Night Vision

Switch to Night Vision mode automatically in low light conditions.

### Image preference

Tap **Auto Enhance** to automatically apply corrections to the white balance, color, saturation, brightness, and contrast for your photos. Tap **Natural** to keep your photos as they are.

### HDR

Turn off HDR (high dynamic range) effect or set it to **AUTO** for better pictures in challenging lighting situations, such as outdoors.

### 3:4 Aspect ratio

Choose the width/height screen ratio as **1:1**, **3:4**, **9:16**, or **FULL** 

### Timer

Set a timer to **3** or **10** seconds.

### Active photos

Turn on to capture a brief photo in motion of your subject. Set to **Auto** to capture brief motion automatically.

**Note:** HDR and Flash are turned off when Active photos is set to **On**.

## Viewfinder options for rear and front cameras



### Face Retouch

With the front camera, smooth skin and beautify faces. Touch  and tap a filter, like **Smoothing**, **Slimmer face** or **Toning**, and then slide the bar to the right to make your face smoother.

**Note:** Face Retouch feature is also available when taking videos.



### Selfie

With the front camera, take a selfie for one person or a narrower background.

**Note:** This feature is only available in **Photo** and **Portrait** photo modes.



### Group Selfie

With the front camera, take a wide-angle selfie for groups or a wider background.

**Note:** This feature is only available in **Photo** and **Portrait** photo modes.



### Portrait Focal Length

Set the focal length to **Wide** (35mm equivalent), **Standard** (50mm equivalent), **Full view** (24mm equivalent), or **Close up** (85mm equivalent) to frame your subject. For more, see [Take a portrait photo](#).

**Note:** This feature is only available in **Portrait** photo mode on the rear camera.



### Torch

Turn on a flashlight when taking photos with the marco camera.



### Smart High Resolution

Turn on to automatically increase the resolution in brighter lighting conditions, and get more detail in your photos.



### JPG Format

Set the file format as **JPG**, **RAW**, or **JPG + RAW**.

**Note:** This feature displays only in **Pro** mode.



### More settings

See additional viewfinder options and camera settings.

## Additional viewfinder options for video camera



### Face Retouch

With the front camera, smooth skin and beautify faces. Touch and tap a filter, like **Smoothing**, **Slimmer face** or **Toning**, and then slide the bar to the right to make your face smoother.

**Note:** Face Retouch for video does not work when Stabilization is on, Resolution is 4K, or Frame rate is set to 60fps.



### Torch

Turn on a flashlight when taking a video. Set to **ON** or **OFF** (back camera) or **AUTO/ON/OFF** (front camera).



### Video Night Vision

Take videos in low light conditions.



### Horizon Lock

Tap to turn horizon lock on and keep footage upright and level. Tap to turn **Adaptive Stabilization** on to remove shakiness when taking a video.



### FHD Resolution

Set the video resolution as **4K**, **8K**, or **FHD** (full HD).



### 9:16 Aspect ratio

Choose the width/height screen ratio as **9:16**, **9:22**, **16:9**, **22:9**, **1:1**, or **FULL**



### FHD 120



### HD 240

In slow motion mode, select a frame rate as **120** or **240** per second.

In video mode, select a frame rate as **30** or **60** frames per second.



### 30 60 120 240 960



### Frame rate

In slow motion mode, select a frame rate as **120** or **240** or **960** frames per second.

In video mode, select a frame rate as **30** or **60** frames per second.



### HDR 10+ HDR10+

Set HDR10+ (10-bit high dynamic range) to **ON** for better videos in challenging lighting situations, such as outdoors.

**Note:** This feature only works when Resolution is 4K or FHD, and Frame rate is set to 30fps.



### Dolby Vision

Take a Dolby Vision High Dynamic Range (HDR) video.



### Mic

Turn on/off the microphone. Switch to an external microphone device, if connected.



### More settings

See additional viewfinder options and camera settings.

# Photo and video modes

Photo and video modes are shown below the viewfinder, slide left or right to change mode.

**Tip:** Tap **More** below the viewfinder, touch and hold a mode, and then drag it to a different location to rearrange the order, or drag it to the carousel of modes for quick use. Tap  below the viewfinder, touch and hold a mode, and then drag it to a different location to rearrange the order.

| Photo modes                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>Portrait</b>               | Take portrait photos using special enhancements and effects. For more, see <a href="#">Take a portrait photo</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  <b>Pro</b>                    | Control professional camera settings, see <a href="#">Take a Pro mode photo</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|  <b>Spot Color (photo)</b>     | Pick one color from the viewfinder while everything else becomes black & white.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  <b>Night Vision</b>           | Take photos in low light situations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  <b>Panorama</b>               | Take a wide-angle shot. Use the on-screen guide to slowly pan while you are taking the photo.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  <b>Group Selfie</b>           | Take a wide-angle selfie for groups.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  <b>Ultra-Res</b>             | Use the main camera to take an ultra-high-resolution photo.<br><b>Note:</b> This option is best used in bright, light conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|  <b>Scan</b>                 | Scan a document to save as PDF or JPG file in your phone. To scan a document automatically, tap  to turn on <b>Auto capture</b> . Tap  to turn off <b>Auto capture</b> , and you need to scan the document by tapping  . You can then edit, retake, or add page to the scan. To save the scan, tap <b>Save &amp; Finish</b> .                                              |
|  <b>Dual Capture (photo)</b> | Take photos with front and back cameras, or two back cameras with different zoom settings, at the same time. Touch <b>1x</b> or <b>.5x</b> and drag the slider to adjust magnification. Drag the viewfinder to move it. Tap  or  to swap screens. Tap  or  to change viewfinder layout. |
|  <b>Photo Booth</b>          | Take four photos in a row with a three-second interval between each shot. Then, the camera automatically generates a quadtych in your album. Tap the viewfinder, or make a gesture with an open palm to start (If needed, turn on <b>Gesture Selfie</b> in <a href="#">Camera settings</a> ).                                                                                                                                                                                                                                                                                                                                       |

## Photo modes



### Tilt-shift

Take a photo where only a strip of the photo is in sharp focus. Touch **1x** or **.5x** and pinch with two fingers to increase or decrease the focus area. Switch the angle of the focused area by rotating with two fingers.



### Long Exposure

Take a long exposure photo. Drag the slider to adjust the shutter speed. Tap **Traffic trails**, **Water and clouds**, **Light painting** or **Star trails** for the suggested shutter speed. Hold your phone steady or use a tripod to capture motion.



### Note:

## Video modes



### Slow Motion

Take a video that will play in slow motion (**120fps**, **240fps**, or **960fps**).



### Timelapse

Take a video using timelapse to make a longer video play faster. You can set the playback speed as **4x**, **8x**, **16x**, and **32x** (times) faster than a regular video.



### Spot Color (video)

Pick one color from the viewfinder while everything else becomes black & white.



### Dual Capture (video)

**Record videos (phone open)** with front and back cameras, or two back cameras with different zoom settings, at the same time. Touch **1x** or **.5x** and drag the slider to adjust magnification. Drag the viewfinder to move it. Tap or to swap screens. Tap or to change viewfinder layout.

## Camera settings

To find these options, tap at the top of the viewfinder.

## Camera settings

### AI SETTINGS

#### Auto Smile Capture

Automatically detect smiles and take a photo when all of the subjects in the viewfinder are smiling.

#### Gesture Selfie

Hold up your palm to start a three-second timer to take a selfie.

#### Smart Composition

Generate an alternate shot that automatically straightens the photo and realigns the subject based on the photography rule of thirds.

#### Shot Optimization

Turn on automatic tuning and scene detection.

#### Auto Macro

Automatically switch to Macro camera when taking a detailed close-up photo and switch back to the main camera when not focusing on a close-up subject.

### Photos

#### Rear photo resolution

Set the photo resolution for the rear (main) camera.

#### Front photo resolution

Set the photo resolution for the front camera.

#### Shot Optimization

Turn on automatic tuning and scene detection.

#### Auto HDR

Turn it on for better pictures in challenging lighting situations, such as outdoors.

#### Selfie photo mirror

Turn on to take a mirrored selfie. Note that the viewfinder won't show a mirrored selfie, but the photo will be mirrored after you take it.

#### Watermark

Add a watermark, signature, date or time to your photos.

#### Google Lens

Turn on to see the Google Lens icon in the rear camera viewfinder.

## Camera settings

|               |                            |                                                                                      |
|---------------|----------------------------|--------------------------------------------------------------------------------------|
| <b>Videos</b> | <b>Audio Zoom</b>          | Amplify audio in the zoomed area of the viewfinder.                                  |
|               | <b>Video size</b>          | Set the video resolution for the main and front cameras.                             |
|               | <b>Auto Camcorder Mode</b> | Fold 90° and flip horizontally to start recording.                                   |
|               | <b>Auto frame rate</b>     | Automatically adjust the frame rate.                                                 |
|               | <b>AI Audio</b>            | Amplify audio in the zoomed area of the viewfinder using Audio zoom.                 |
|               | <b>Efficient videos</b>    | Turn on to reduce the file size of all videos.                                       |
|               | <b>Auto Focus Tracking</b> | Track people, dogs, or cats by focusing on them automatically or by tapping on them. |

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## Camera settings

|         |                   |                                                                                                                                                                                                                                                                                                                               |
|---------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General | Selfie mirror     | Save selfies and videos as they appear in the viewfinder.                                                                                                                                                                                                                                                                     |
|         | Air Gesture       | <b>Palm capture:</b> Show your palm to capture.<br><b>Advanced video control:</b> During video recording, do a clench and hold to pause, show your palm to resume, and show your fist and hold to stop.                                                                                                                       |
|         | Capture Methods   | <b>Palm capture:</b> Hold up your palm to start a three-second timer to take a selfie.<br><b>Auto Smile Capture:</b> Automatically detect smiles and take a photo when all of the subjects in the viewfinder are smiling.<br><b>Tap anywhere to capture:</b> Capture photos or videos by tapping anywhere on the main screen. |
|         | Shutter sound     | Turn the shutter sound on or off.                                                                                                                                                                                                                                                                                             |
|         | Capture Assistant | <b>Assistive grid:</b> Overlay a grid to help align the subjects in your photos or videos.<br><b>Leveler:</b> Take perfectly level photos using a guide line in the viewfinder.                                                                                                                                               |
|         | Quick capture     | Twist twice to open the camera app, or switch between front and back cameras.                                                                                                                                                                                                                                                 |
|         | Keep last mode    | Open the camera with the last mode active.                                                                                                                                                                                                                                                                                    |
|         | Storage           | Choose a storage location for your photos and videos (Phone or microSD card).<br><b>Note:</b> You'll need a microSD card inserted to see this option.                                                                                                                                                                         |
|         | Save location     | Turn on to tag photos with a location.                                                                                                                                                                                                                                                                                        |

## Camera settings

|               |                        |                                                               |
|---------------|------------------------|---------------------------------------------------------------|
| <b>Others</b> | <b>Camera feedback</b> | Share your feedback on the camera with Motorola.              |
|               | <b>Play tutorial</b>   | Play the on-screen tutorial on how to take photos and videos. |
|               | <b>Help</b>            | Get more instructions on how to use your camera.              |
|               | <b>Reset</b>           | Tap to reset all camera settings.                             |
|               | <b>About</b>           | Get help and more.                                            |

## Take a portrait photo

You can use the portrait photo mode to add a blur effect to the background, while keeping the main subject in perfect focus.

### Take a portrait photo

Find it:  **Camera > PORTRAIT**

- 1 Line up your subjects. The closest subject is prioritized automatically. Tap the screen to change the focal point. Set the focal length to **Wide** (35mm equivalent), **Standard** (50mm equivalent), **Close up** (85mm equivalent), or **Full view** (24mm equivalent) to frame your subject.
- 2 Tap , then slide the bar to increase or decrease the background blur. Tap  to take the photo.

**Note:** For best results, subjects should be two to six feet away.

## Take a Pro mode photo

Use the Pro mode to adjust settings and take personalized photos.

Find it:  **Camera > PRO**

### » Adjust Pro settings:

-  **Focus range:** Change the focus mode. Drag from **A** (auto focus on foreground) to  for Macro focus, to blur the background and focus on details. Drag to  for infinite focus, to focus on the background and blur the foreground.
- **WB White balance:** Adjust the color temperature by manually changing the Kelvin value from 2,300 to 7,500. Drag from left to right to change the temperature spectrum, from auto to blue/cold or orange/warm.
-  **Shutter speed:** Adjust how slow or fast the camera shutter closes. A fast shutter speed creates a shorter exposure (the amount of light the camera takes in), and a slow shutter speed allows a longer exposure.

- **ISO ISO:** Set the camera's sensitivity to light. The higher the ISO, the brighter the photos.
- Note:** Higher ISO settings can result in noise/graininess in photos.
- **[Exposure]** **Exposure:** Change the exposure value. The higher the exposure the lighter the photo.

**Tip:** Touch an icon and drag the slider to customize the settings.

- » **Restore default settings:** Touch **X** to close options, then touch **↺**.
- » **Set file format:** Tap **[RAW]** on the viewfinder and select **[JPG]**, **[JPG+RAW]**, or **[RAW]**. Saving in **JPG** format will compress a photo to make it smaller. A **RAW** photo is completely unprocessed for extra editing control in post-production and the photo size will be larger. **JPG+RAW** mode lets you shoot and save in both file formats at the same time.
- Note:** For files saved as **RAW**, you'll see **RAW** on the photo or its thumbnail.
- » **Read the histogram:** The histogram displays in the top right corner of your screen. It helps you gauge whether the photo is overexposed (when it is right-skewed) or underexposed (when it is left-skewed). A generally centered histogram tends to indicate a well-exposed image.

## Identify & scan items using Google Lens™

Search landmarks, products, explore books, identify plants and animals, copy text, translate, scan barcodes, QR codes, business cards, and more.

Find it: **[Camera]** **Camera** > **[Google Lens]**

- 1 Focus your camera on an object, landmark, or code.
- 2 Tap **[Google Lens]** to search. Depending on the object, you can see the details, take an action, or find products.

**Note:** Google Lens may not work in all languages.

## Capture your screen

Take a screenshot. You can view, edit, and share it later.

- 1 Open the screen that you want to capture.
- 2 There's more than one way to capture your screen.
  - Press both the Power and the Volume Down buttons at the same time.
  - Set up **Gestures** to capture screenshots by touching the screen with three fingertips.
  - In classic style, swipe down from the top of the screen to open Quick Settings, then scroll left and tap **[Screenshot]**. In modern style, swipe down from the top right side of the screen to open Quick Settings, then tap **[Screenshot]**.

**Tip:** To choose the way Quick Settings are accessed, swipe up from the home screen and tap **[Settings]** **Settings** > **Home & lock screen** > **Control center**, then select an option.

## Take a scrolling screenshot

If a screen is longer than the display, tap  to scroll down the screen automatically. Then tap  to stop scrolling and save the screenshot. Or you can also scroll up or down the screen manually to choose the area you want to capture.

## Edit, share, find or delete the screenshot

The moment you take a screenshot, a toolbar appears next to it.

- Tap  to save the screenshot as a memory in [Moto AI](#).
- Tap  to edit the screenshot. You can crop, highlight or add text to the screenshot. Tap  >  to scan the screenshot for sensitive information (like names) and automatically blur it out. It works with all your favorite social apps, including Facebook, TikTok, WhatsApp, and more.
- Tap  to share your screenshot.
- Tap  to translate the text or learn more about the item(s) in the screenshot.
- Tap  to delete the screenshot.

You can also edit, share, search or delete the screenshots in  **Photos**.

**Tip:** To see the captured screens, swipe up from the home screen and tap the **Google** folder >  **Photos** > **Collections** > **Screenshots**.

## Record your screen

Start a screen recording to capture information visible on your device.

- 1 Open [Quick Settings](#) and tap  **Screen record** or . You may need to swipe left on the panel to find the **Screen record** tile in classic style.
- 2 Adjust recording settings if needed:
  - **Record the entire screen or a single app:** During recording, your phone records everything visible on your entire screen. To record a single app, tap **Record this screen** > **Record one app**.
  - **Change audio recording options:** Tap **Record audio**, and select **Microphone** to record only microphone audio, **System sound** to record only system audio, **Mic & system sound** to record both microphone and system audio, or **Mute** to mute all audio.
  - **Open front camera:** To include yourself in the recording, tap the switch next to **Camera** to turn it on. Then during recording, a small front camera viewfinder shows up in the top right of the screen.
  - **Show touch points:** While recording, to show a touch point  when you are tapping the screen, tap the switch next to **Touch points** to turn it on.
- 3 Tap **Record** and a folded tool bar shows up in the top right of the screen. Tap  to expand the tool bar. Then you can tap  to pause, to  open the front camera,  to change audio recording options,  to draw during recording, and  to change the stroke color.

**Tip:** You can also take screenshots while recording. To learn how to take screenshots, see [Capture your screen](#).

- 4 Tap  to stop and save the recording.

To adjust your screen record settings, swipe up from the home screen and tap  **Settings** > **Display** > **Screen record**.

**Tip:** To see the screen recording, swipe up from the home screen and tap the **Google** folder >  **Photos** > **Collections** > **Screen record**.

# Photos

View, edit, and share photos.

**Find it:** Swipe up from the home screen and tap the **Google** folder >  **Photos**

» **View, share, edit, Lens, or delete:** Tap a thumbnail to open it, then tap  to share,  to edit,  to use Google Lens, and  to delete.

**Tip:** To select multiple files, open a folder, touch and hold a photo, then tap others. Or group photos in an album and share the whole album.

» **Edit:** Open a photo, then tap .

» **Lens:** You can use Google Lens on captured photos and screenshots. Tap a thumbnail to open it, then tap  Lens.

» **Zoom:** Open a photo in your gallery, then double tap or drag two fingers apart or together on the screen.

**Tip:** Turn your phone sideways for a landscape view. To turn Auto-rotate screen on or off, swipe up from the home screen and tap  **Settings** > **Display** > **Auto-rotate screen**.

» **More options:** Open a photo, then tap Menu  for more options:

- **Add to album:** Add a photo to an album. You can select an existing album, or tap  **New album** to create an album.

- **Move to archive:** Archive your photo. To find an archived photo, swipe up from the home screen and tap the **Google** folder >  **Photos** > **Collections** > **Archive**.

- **Move to folder:** Move your photo to another folder. You can select an existing folder, or tap **New folder** to create a folder.

- **Delete from device:** Delete your photo permanently without backup.

**Tip:** You can delete the photo with backup by tapping  **Delete** > **Move to trash**. To find the photo, swipe up from the home screen and tap the **Google** folder >  **Photos** > **Collections** > **Trash**.

- **Create:** Create a highlight video, photo collage, or cinematic photo.

- **Move to Locked Folder:** Move a photo to Locked Folder so that it won't show up as you scroll through Google Photos or in other apps.

- **Use as:** Use the photo as wallpaper or contact photo.

- **Slideshow:** Open a photo, then tap Menu  > **Slideshow**. To stop the slideshow, tap the screen. To show the slideshow on a television or other device, see [Connect, share, pay & sync](#).

» **Create album:** Touch to select one or multiple photos or videos, then tap  > **Album**. Add a title to your new album and tap  to create the album. Or swipe up from the home screen and tap the **Google** folder >  **Photos** > **Collections** >  > **Album**.

» **Search by people, things & places in your photos:** Sign in to your Google Account, tap  at the bottom, then search by text or exploring categories, such as people & pets, places, screenshots, and more.

- » **Back up photos and videos to your Google Account:** Swipe up from the home screen and tap the **Google** folder >  **Photos** > your profile picture in the top right corner > **Photos settings** > **Backup**. Tap the switch to turn it on. Tap **Backup quality**, **Mobile data usage**, or **Back up device folders** to customize the settings.

**Tip:** You can also use  **Google One** to [Backup & restore](#) all your photos and videos.

**Note:** For more about Google Photos™, visit <https://support.google.com/photos>.

## Moto

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Explore special features designed to save you time and make your day easier.

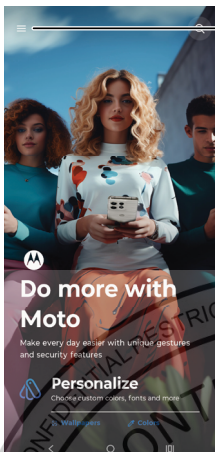
**Note:** The Moto features may vary depending on your specific model and software updates.

**Find it:** Swipe up from the home screen and tap the **Moto** folder >



- » **Personalize:** Customize your phone with styles, themes, and more.
- » **Gestures:** Control your phone with gestures.
- » **Moto Secure:** Protect your digital life with Motorola security features ( **Moto Secure**).
- » **Tips:** Find details of your phone's latest features.
- » **Display:** Optimize how to interact with your display.
- » **Play:** Find features and tools for gaming, media controls and audio enhancements and customizations.

**Note:** Your phone may not have all features.



Tap to open Moto app features, or swipe up from the bottom of the screen.

## Personalize

Make your phone unique with custom themes, styles, and more.

**Find it:** Swipe up from the home screen and tap the **Moto** folder >

 **Moto** >  > **Personalize**

- » **Wallpaper:** Choose the wallpaper for your lock screen and home screen. For more details, see [Redecorate your home screen](#).
- » **Themes:** Choose custom themes or design your own to change the look of your device.
- » Tap **Fonts, Colors, Icon shape, Lock screen, Display size and text, Layout, Sounds, or Dark mode** to make your own mark on your phone.
- » **External display:** Customize your external display. For more, see [Redecorate your external display](#).

## Gestures

Enhance your phone with gestures and actions.

**Find it:** Swipe up from the home screen and tap the **Moto** folder >

 **Moto** >  > **Gestures**

- » **Quick Launch:** Double tap the back of your phone to play/pause music, take a screenshot, return to Home screen, switch to the last app, or open your favorite app or shortcut.
- » **Sidebar:** Easily access your favorite apps. Tap the switch next to **Use sidebar** to turn it on. Tap Settings  to edit apps, tools or contacts that appear in the sidebar. Tap **Learn more** for tutorials. To choose how your

apps open when you tap them, tap Settings  > More Settings  > **Open apps > In freeform or In full screen.**

- » **Quick Capture:** Twist your wrist twice quickly to open the camera.
- » **Power touch:** Double tap the Power button/fingerprint sensor for quick shortcuts. To change the shortcuts that are shown tap **Settings > Double tap** and select an app, tool, or contact.
- » **Fast Flashlight:** Turn the flashlight on/off with two chopping motions.
- » **Three finger screenshot:** Touch and hold the screen with three fingertips to [Capture your screen](#).
- » **Lift to unlock:** Lift your phone and look at the screen to unlock it. You'll need to set up face unlock, see [Unlock with your face](#).
- » **Flip for DND:** Place the phone face down to silence notifications and calls.
- »
- » **Pick up to silence:** Silence the ringer during an incoming call by lifting up the phone.
- » **Swipe to split:** See apps in split screen by swiping back and forth.

## Moto Secure

Protect your digital life with  **Moto Secure** features.

**Find it:** Swipe up from the home screen and tap the **Moto** folder >  **Moto** >  > **Moto Secure**

Or swipe up from the home screen and tap the **Moto** folder >  **Moto Secure**.

- » **Alert:** Tap **View** to view the scan report, or tap **Essential protection** or **Advanced protection** to see security suggestions.
- » **Scan for threats:** Tap **Scan now** to scan for malicious software, and then tap **View Report** to view the scan report, or tap **Essential protection** or **Advanced protection** to see security suggestions.
- » **Secure folder:** Tap  > **Add files** or **Add apps** to add files or apps to your secure folder for extra protection. You'll need to enter a secure folder pattern, PIN or password. To change folder security, tap  > **Authentication settings > Change lock**. When set up you can swipe up from the home screen and tap the **Moto** folder >  **Moto Secure > Secure folder**. To remove an app, tap and hold it, then tap **Remove app**. To use disguised icon and fake name for your secure folder, tap  > **Disguised icons** and tap the switch next to **Use disguised icons**. Tap  > **Stealth mode** to hide an app icon. To delete the folder, tap  > **More settings > Delete secure folder**.
- » **App lock:** Secure your apps with a PIN, pattern, password, and more. To set up a lock, enter a pattern, and then tap  next to **Unlock method** and choose one method:
  - 1 **Primary unlock method:** Tap **Pattern**, **PIN** or **Password** to set a primary lock.
  - 2 **Secondary unlock method:** Unlock with your fingerprint or face. Tap  next to **Unlock method**, and then tap the switch next to **Use fingerprint to unlock** or **Use face to unlock**.

**Note:** App lock isn't available for all apps. If you forget how to unlock an app, tap **Reset app lock** > **Reset** to clear all app locks.

- » **Protect your SIM:** Turn on **Lock SIM** to set a PIN for your SIM. See [SIM lock](#).
- » **Android security settings:** Monitor and control your security and privacy settings. See [Security & privacy](#).
- » **Check for security updates:** Check security updates regularly to safeguard your phone and improve performance.
- » **Secure power-off:** Make sure you're the only one who can turn off your phone by setting up an authentication method. To set up your preferred authentication method, tap the switch next to **Use Secure power-off** > **Set up authentication**, or tap **Authentication method** to set a screen lock. See [Device unlock](#).
- » **Auto lock:** Automatically lock your phone when you move away from a trusted location, device, or Wi-Fi network.

**Tip:** To enable **Auto lock**, set a screen lock, such as a pattern, PIN or password, then tap **Trusted places**, **Trusted devices** or **Trusted networks** to add trusted scenarios.

  - **Use Auto lock:** Add a single authentication in trusted scenarios.
  - **Use Two-factor authentication:** Add an extra authentication step in untrusted scenarios. To enable Two-factor authentication, set up a fingerprint authentication first, then tap the switch next to **Use Two-factor authentication** to turn it on.
- » **Lock network and security:** Network and security-related settings cannot be changed when your screen is locked. Tap the switch next to **Use lock network and security** to turn it on.
- » **PIN pad scramble:** Shuffle the numerical layout of the PIN entry screen each time you unlock your device.

**Note:** To enable **PIN pad scramble**, you need to set a PIN for your device screen lock. For more information, see [Screen lock](#).
- » **Device unlock:** Set a screen lock and adjust settings. See [Device unlock](#).
- » **Protect from online scammers:** Turn on **Protect from online scammers** to get alerts for suspicious websites, add trusted sites to an allow list, and protect against phishing attempts.
- » **Network protection:** Turn on **Wi-Fi security**, and **Hotspot** to get warnings when connecting to unsecure Wi-Fi or weak protocol hotspot networks. Tap **Wi-Fi blocklist** to block apps when your phone is on an open network.
- » **Manage permissions:** Decide which apps can access your information. See [Permission manager](#).
- » **Check recent app access:** See which apps used your phone's permissions in the past 24 hours. See [Permission manager](#).
- » **Control app access:** Control your phone's access to camera, microphone, location, and more. See [Control access to your camera and microphone](#).
- » **Safety & emergency alerts:** Set medical information, emergency contacts, alerts, and services that can protect your personal safety. See [Safety & emergency](#).
- » **Find my phone:** Remotely locate your phone in case it's lost or stolen. See [Stolen phone](#).

# Tips

View tips about your phone's features.

**Find it:** Swipe up from the home screen and tap the **Moto** folder >

 **Moto** >  > **Tips**

## Display

Customize your lock screen experience, or prevent the screen from dimming or going to sleep while you're looking at it.

### Lock screen

Customize your lock screen experience. To learn how to set a screen lock, see [Device unlock](#) and [Set lock screen preferences](#).

**Find it:** Swipe up from the home screen and tap the **Moto** folder >

 **Moto** >  > **Display** > **Lock screen**

### Attentive Display

Your screen won't dim or sleep while you're looking at it.

**Find it:** Swipe up from the home screen and tap the **Moto** folder >

 **Moto** >  > **Display** > **Attentive Display**, then tap the switch next to **Use Attentive Display** to turn it on.

### Edge Lights

Lights show on the display edges when you receive a call, notification, or alert.

**Find it:** Swipe up from the home screen and tap the **Moto** folder >

 **Moto** >  > **Display** > **Edge Lights**, then tap the switch to turn it on.

Tap  to change edge light color, light behavior, and more.

## Play

Enjoy immersive and engaging entertainment.

**Find it:** Swipe up from the home screen and tap the **Moto** folder >

 **Moto** >  > **Play**

» **Games:** Find your games and enhance your gaming experience.

- **Explore:** Explore mini games that don't need to be downloaded. Tap  to see the games you have played recently. Tap  to see your favourite mini games.
- **My games:** Find your downloaded games here. Tap  to add or

remove a game from the list. From the game list, tap  next to a game or app to play or run it.

- **Settings:** Customize your game settings to optimize your gaming experience.

**Note:** **Gametime** is on by default. To turn it off, tap **Games** >  > **Settings**, then tap the switch next to **Gametime**. When you open a compatible game,  **Gametime is on** appears automatically. Tap **Toolkit access**, and then tap **Swipe right from the edge** or **Tap the icon** to choose how to access your toolkit while gaming. Tap  next to **Swipe right from the edge** to adjust the swipe position. During a game, swipe the toolkit  right from the edge or tap  or  then tap **Block calls**, **Block notifications**, **Screenshot**, **Share**, **Settings**, and more.

**Tip:** Swipe up from the home screen and tap the **Moto** folder >

 **Games** to start playing your games.

- » **Media controls:** Tap the switch to turn it on, then use the volume buttons to change music tracks when the screen is off.
- » **Audio effects:** Enhance audio and customize your sound. Tap **Audio effects**, then tap **Settings** to choose preferences.
- » **Dolby Atmos:** Enhance audio and customize your sound. Tap **Dolby Atmos** >  **Settings**, then tap **Spatial audio**, **Smart audio**, **Music**, **Movie**, **Game**, **Podcast**, or **Custom**.
- » **Creator Toolkit:** Enable camera effects and tools to use in your favorite social media apps like [Meet](#). Tap **Creator Toolkit**, then tap the switch next to **Use Creator Toolkit** to turn it on. Tap  to turn off or on the special effects:
  - **Blur Effect:** Apply a background blur to make people stand out.
  - **Subject Tracking:** Stay in frame with subject tracking.
  - **Background Replace:** Swap your backgrounds with different images and scenes.
  - **Lens Switcher:** Create different fields of view by switching between lenses.
  - **Looper:** Create a short looping video.
  - **Freeze frame:** Freeze the video frame from the camera.

**Tip:** Tap **Allowed apps** to manage which apps can use the feature.

- » **Video call effects:** During video calls, you can tap on the effects toolkit bubble  to zoom camera view, freeze the frame, blur or replace your background, and more. Turn on **Use Video call effects**, then tap  **Manage apps Settings** to choose which video calling apps can use the effects.
- » **Live preview:** To show a live preview on the external display when taking a photo or video, tap the switch to turn it on.

## Moto AI

Use Moto AI to ask, search, summarize notifications, generate images, and more.

**Find it:** Swipe up from the home screen and tap  **Moto AI**. You can

also add Moto AI to the Apps panel on the external display.

#### Notes:

- » Moto ID login is required to access all AI services.
- » AI-generated results may contain inaccuracies or biases.
- » An internet or cellular connection is needed for functionality.
- » The availability and performance of the features can vary based on your software version, network provider, location, and plan.

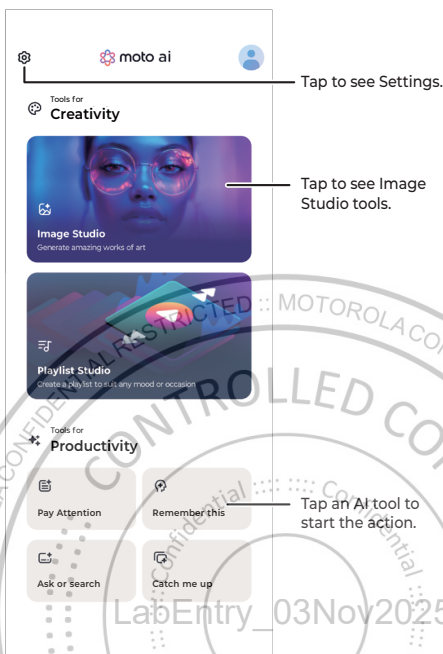
## Alternative ways to launch Moto AI

You can also launch Moto AI from the external display, the app tray, the floating bubble, or with gestures.

- » **Quick button:** Double press the Power button.
- » **Quick launch:** With the phone open or closed, double tap the top third of the back of your phone with your finger.
- » **Quick launch:** Double tap the top third of the back of your phone with your finger.
- » **Gesture navigation:** Swipe up diagonally from the bottom corner of the main home screen.
- » **Prompt bar in app tray:** Swipe up from the home screen and tap the prompt bar in your app tray.
- » **Floating bubble:** Tap the floating bubble  on the main screen. To move it around, touch and hold the bubble, then drag it to another place. When the bubble is idle, it will fade and float on the edge of the screen.
- » To enable the floating bubble, swipe up from the home screen and tap  **Settings** > **Moto AI** > **Launch gestures**, then tap the switch next to **Floating bubble** to turn it on.

## Moto AI tools

Discover Moto AI tools for creativity and productivity.



## Image studio

- » **Create an image:** Type a description to generate an image. You will get a better image if you give more detailed descriptions.
- » **Create a sticker:** Type a description to generate a sticker.
- » **Sketch to image:** Draw on the canvas and tap **Generate** to convert your sketch into an image.
- » **Style sync:** Create a wallpaper inspired by your unique style. Tap **Pick a photo** to select a photo from your gallery or take a picture of your outfit.
- » **Create an avatar:** Turn yourself into a digital avatar. Tap **Pick a photo** to select a photo from your gallery or take a selfie.

## Playlist studio

Type a description to create a playlist to suit any mood or occasion. You can open the playlist with **Amazon Music**.

## Pay attention

Tap **Pay attention** to record, transcribe, and summarize meetings.

Tap to start recording. Tap to pause or to end the recording. Tap **New** to start another recording.

**Tip:** The recording, along with its transcription and summary, will be saved to **Notes**.

## Remember this

Save photos, screenshots, or notes you want Moto AI to remember. Moto AI will automatically analyze and tag them to build your own personal knowledge base. Later, you can simply ask a question like “What was that gift idea for Dad’s birthday?” and Moto AI will retrieve it for you.

**Tip:** You can manage your memories in Moto AI settings.

## Ask or search

- » **Ask:** Ask a question, tell it to “Catch me up” or give it things to remember.
- » **Search:** Search the web, or search your phone for apps, settings, contacts and more.

**Tip:** To see the chat history, swipe up from the home screen and tap

 **Settings > Moto AI > History.**

## Catch me up

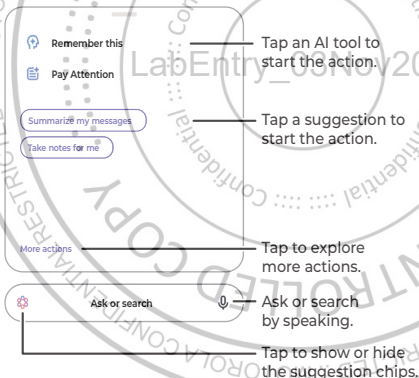
Get summaries of the unread notifications, text messages and more.

**Tip:** To see the history, swipe up from the home screen and tap

 **Settings > Moto AI > History.**

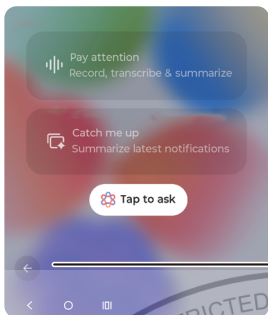
## Moto AI prompt bar

Quickly access contextual AI tools from the prompt bar. Moto AI can recognize what’s on your screen and offer helpful next steps in real time.



## Moto AI experiences on external display

You can easily access Moto AI on the external display. Ask a question, tell Moto AI to catch up with you, or ask it to remember something for you.



Tap to exit moto AI.

## Look and talk

When your phone is locked, in tent or stand mode, look at the external display to unlock it and start a conversation.

To enable this feature, swipe up from the home screen and tap **Settings** > **Moto AI** > **Launchpad** > **Launch gestures**, then tap the switch next to **Look and talk** to turn it on.

## Moto AI settings

Customize the Moto AI launch gestures, enable personalization, change the Moto AI voice style, and more.

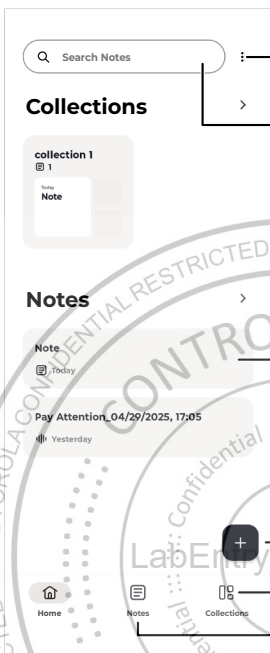
**Find it:** Swipe up from the home screen and tap **Settings** > **Moto AI**

- » **Launchpad:** Customize launch gestures or actions and view the conversation history.
  - » Tap **Actions** to customize **Catch me up** AI actions.
    - Tap **History** to see the chat history.
- » **Responses:** Enable personalization and manage the memories of your interactions and activities with Moto AI.
  - Tap **Personalization** and tap the switch next to **Use Personalization** to enable Moto AI to save memories and deliver tailored results.
  - Tap **Memory** to edit or search chat histories.
- » **Preferences:** Set your preferences for the language and the AI voice.
  - Tap **Language** to choose your preferred language.
  - Tap **Voice** to enable a voice readout or change the Moto AI voice style.
- » **Performance:** Manage local models or customize the download and update settings.

## Notes

Create, edit, and share notes or collections.

**Find it:** Swipe up from the home screen and tap the **Moto** folder >  **Notes**



⋮ — Change settings, view privacy policy or Switch to Grid View.

>

— Search for a note.

>

— Tap a note to view and edit it.



— Create a note or a collection.



— Tap to see all collections.



Notes

Collections

— Tap to see all notes.

## Create and manage notes

- » **Create a note:** Tap  > **Note** to create a note.
- » **Add a title:** Type in the title field above the note to enter a title.
- » **Use the toolbar:** Change text color, insert a table or an image, extract text from an image, create a recording, summarize text, and more.