

# HUAWEI P50

## User Guide



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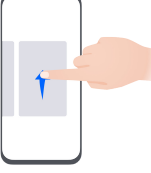
# Essentials

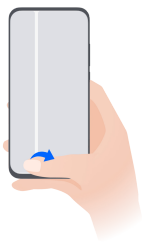
## Basic Gestures

### Basic Gestures and Shortcuts

#### System Navigation Gestures

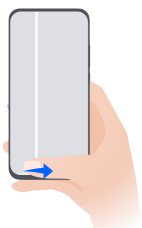
Go to **Settings** > **System & updates** > **System navigation** and make sure that **Gestures** is selected.

	<p><b>Return to the previous screen</b> Swipe in from the left or right edges to return to the previous screen.</p>
	<p><b>Back to home screen</b> Swipe up from the bottom to go to the home screen.</p>
	<p><b>Recent tasks</b> Swipe up from the bottom of the screen and hold to view recent tasks.</p>
	<p><b>Close an app</b> When viewing recent tasks, swipe up on an app preview to close the app.</p>



### Switch between apps

- Slide across the bottom edge of the screen to switch between apps. Before using this gesture, touch **Settings** on the **System navigation** screen, and ensure that **Slide across bottom to switch apps** is enabled.
- Swipe across the bottom of the screen in an arc to switch between apps.



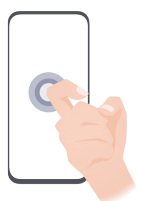
**i** If your device does not have the **Slide across bottom to switch apps** switch, it indicates that the corresponding feature is not supported.

### Knuckle Gestures

Before using knuckle gestures, use either of the following methods to make sure that all necessary features are enabled (depending on your device model):

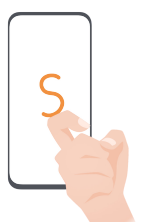
Go to **Settings > Accessibility features > Shortcuts & gestures**, and enable **Take screenshot** and **Record screen**.

Go to **Settings > Accessibility features > Motion control > Take screenshot**, and enable **Smart screenshot**.



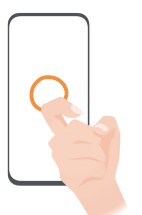
#### Take a screenshot

Knock twice on the screen with a knuckle to take a screenshot.



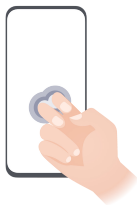
#### Take a scrollshot

Knock on the screen with a knuckle and draw an "S" to take a scrolling screenshot.



#### Capture part of the screen

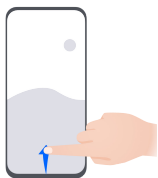
Knock and draw an enclosed area with a knuckle to capture part of the screen.

**Record screen**

Knock twice on the screen with two knuckles to start or end a screen recording.

**More Gestures****Access Home screen editing mode**

Pinch two fingers together on the home screen.

**Display the shortcut panel on the lock screen**

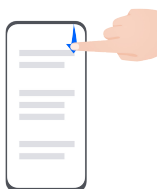
Turn on the screen and swipe up from the bottom of the lock screen.

**Display the search bar**

Swipe down from the middle of the home screen.

**Display the notification panel**

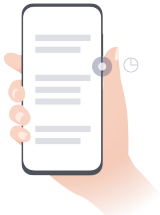



Swipe down from the upper left edge of the screen.


**Turn on a shortcut switch**

Swipe down from the upper right edge of the screen to display **Control**

**Panel** and touch  to expand the shortcut switches panel.

## Button Shortcuts

	<p><b>Power off and restart</b> Press and hold the Power button until your phone displays the <b>Power off</b> and <b>Restart</b> menu.</p>
	<p><b>Turn up volume</b> Press the Volume up button.</p>
	<p><b>Turn down volume</b> Press the Volume down button.</p>
	<p><b>Take a screenshot</b> Press the Volume down and Power buttons simultaneously.</p>

 Some products do not have volume buttons.

## Lock and Unlock Your Screen

### Lock and Unlock Your Screen

#### Lock Your Screen

##### Auto-lock:

Your phone will automatically turn off when you haven't used it for a certain period of time. You can go to **Settings > Display & brightness > Sleep**, and set the screen timeout duration.


##### Manually lock the screen:

To lock the screen, use either of the following methods:

- Press the Power button.
- On the home screen, pinch two fingers together to enter editing mode. Touch **Widgets**, and drag the **Screen Lock** icon to the home screen. Then touch the **Screen Lock** icon to lock the screen.

## Turn On the Screen

You can turn on the screen in any of the following ways:

- Press the Power button.
  - Go to **Settings > Accessibility features > Shortcuts & gestures > Wake screen**, and enable **Raise to wake**, **Double-tap to wake**, and/or **Show palm to wake**. Then use the corresponding feature to turn on the screen.
-  If your phone does not have this option, it indicates that this feature is not supported.

## Unlock Your Screen

**Password unlock:** Once the screen is turned on, swipe up from the middle of the screen to display a panel where you can enter your lock screen password.

**Face unlock:** Once the screen is turned on, bring your face in front of the screen. Your phone will unlock automatically after recognizing your face.

**Fingerprint unlock:** Touch the fingerprint sensor zone with a finger that you have enrolled. Be sure to first wake the screen, if your device has an in-screen fingerprint sensor.

# Get Familiar with the Home Screen

## Create and Use Large Folders

You can group similar apps in a large folder and name the folder for better management.

You can also turn a standard folder into a large one (both the folder and the app icons in it will be enlarged) to access apps more easily.

### Create a Large Folder

- 1** Touch and hold an app icon and drag it over another icon to create a new folder.
- 2** Touch and hold a folder to switch between display modes. For example, you can touch and hold a new folder and select **Enlarge** from the displayed menu to create a large folder.
- 3** You can touch the lower right corner of the large folder to open it and then touch the folder name to rename it.  
You can also rename the folder by touching and holding it and selecting **Rename**.


### Operations in a Large Folder

You can perform the following operations in large folders:

- **Open apps:** In a large folder, touch an icon to access the app directly.
- **Enter and exit folders:** Touch the lower right corner of a large folder to enter it. Touch a blank area in the folder to exit it.






























When there are more than nine apps within a large folder, a stacked icon will appear in the lower right corner of the folder. You can touch the stacked icon to view more apps within the folder.












- **Add or remove apps:** Open a large folder, touch , and add or remove apps as required. If you deselect all apps within the folder, the folder will be deleted.
- **Switch between display modes:** Touch and hold a folder to switch between a standard and large display. For example, you can touch and hold a standard folder and select **Enlarge** from the displayed menu to create a large folder.

## Notification and Status Icons

### Notification and Status Icons

-  Network status icons may vary depending on your region or network service provider. Supported functions vary depending on the device model. Some of the following icons may not be applicable to your phone.

	5G network connected		4G network connected
	3G network connected		2G network connected
	Full signal strength		Roaming
	Data saver enabled.		No SIM card inserted
	Hotspot enabled		Hotspot connected
	Hotspot disconnected		Switching network via Wi-Fi+
	Wi-Fi connected		Wi-Fi network is faulty, unable to connect to the Internet
	Wi-Fi 6 connected		Wi-Fi 6 network is faulty, unable to connect to the Internet
	Wi-Fi 6+ connected		Wi-Fi 6+ network is faulty, unable to connect to the Internet
	Airplane mode is ON		Alarm set
	Battery empty		Low battery power
	Charging		Quick charging
	Super charging		Wireless super charging

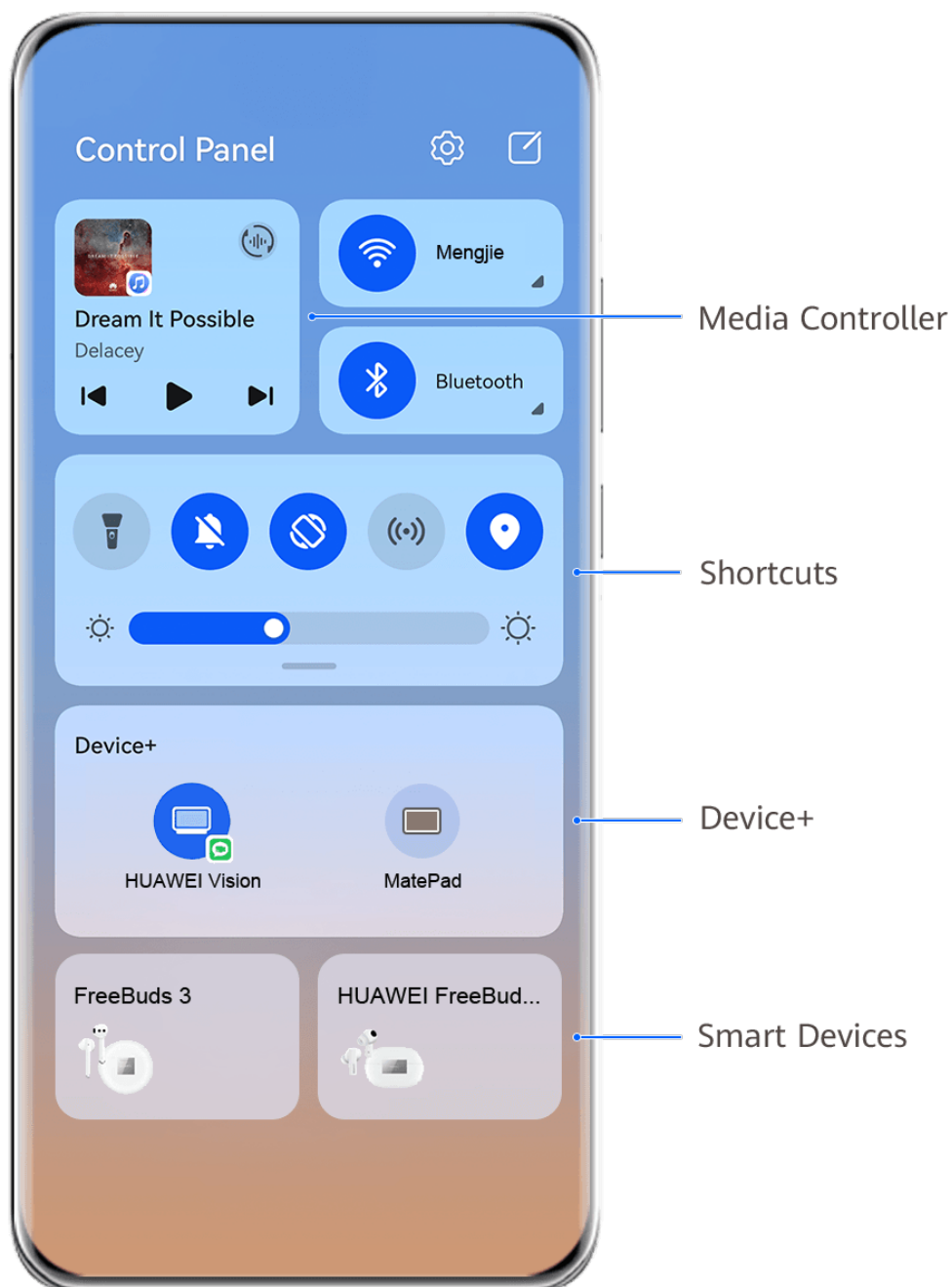
	Wireless fast charging		Regular wireless charging
	Power Saving mode on		Digital Balance enabled
	Bluetooth enabled		Bluetooth device battery
	Bluetooth device connected		VPN connected
	Driving mode		Projection device connected
	Location service enabled		Eye Comfort enabled
	Headset connected		Headset with a microphone connected
	In call		VoLTE enabled
	Missed call		There are unread messages.
	Silent mode		Vibration
	NFC enabled		Do Not Disturb mode enabled
	Syncing...		Syncing failed
	Performance mode enabled		New email
	Event reminder		More notifications

## Control Panel

### Introduction to Control Panel

You can easily manage and control media playback, shortcuts, and **Device+** in the **Control Panel**.

Swipe down from the upper right edge of the screen to display **Control Panel** where you can access the following features with ease:




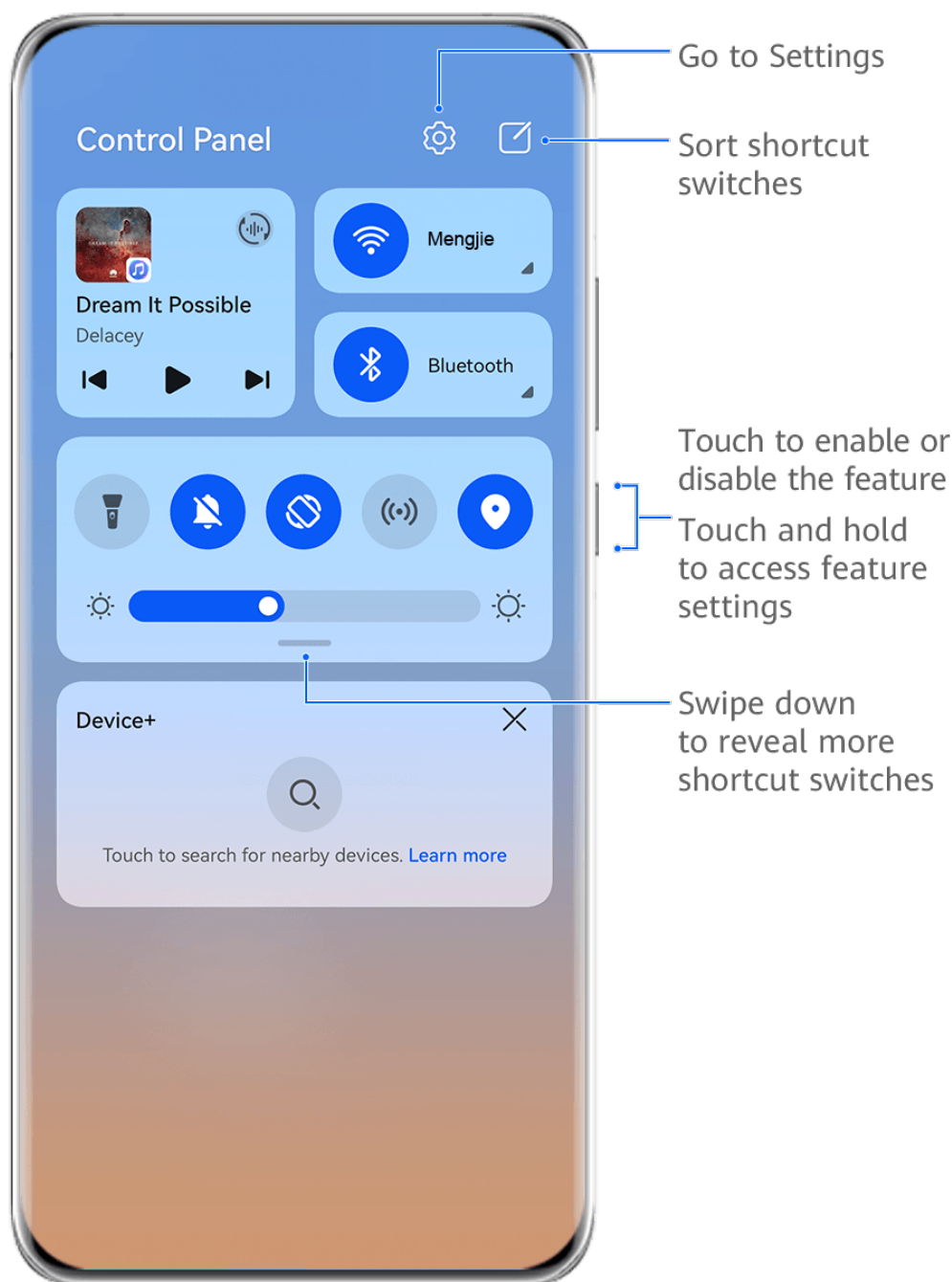
**i** The figures are for reference only.


- **Media controls:** To control media playback and switch between recently used media apps and media devices (such as Visions and Bluetooth headsets).
- **Shortcut controls:** To enable, disable, or set frequently used features.
- **Device+:** Automatically discovers nearby devices logged in to the same **HUAWEI ID** and allows you to link them so they work together as one.
- **Device controls:** To manage and control devices and scenes that have been added in **AI Life**.


## Use Shortcut Switches

## Turn on a Shortcut Switch


Swipe down from the upper right edge of the screen to display **Control Panel** and touch  to expand the shortcut switches panel.



 The figures are for reference only.

- Touch a shortcut switch to enable or disable the corresponding feature.
- Touch and hold a shortcut switch to access the settings screen of the corresponding feature (supported by some features).
- Touch  to access the system settings screen.


## Customize Shortcuts

Swipe down from the upper right edge of the screen to display **Control Panel**, go to  > **Edit switches**, then touch and hold a shortcut switch to drag it to your preferred position, and touch **Done**.

## Audio Control Panel



### Manage Audio Playback in Audio Control Panel

When multiple audio apps (such as **Music**) are opened, you can manage music playback and switch between these apps in Audio Control Panel with ease.

- 1 After opening multiple audio apps, swipe down from the upper right edge of the phone to display **Control Panel**, then touch the audio playback card at the top of **Control Panel**.
  - 2 The currently and recently used audio apps will be displayed in Audio Control Panel where you can manage playback (such as playing, pausing, and switching to the previous or next song) in the app in use, or touch another audio app to quickly switch playback.
-  • Some apps need to be updated to the latest version before using this feature.
  - Not all apps support Audio Control Panel.


### Quickly Switch Audio Playback Device

When your phone is connected to an audio device (such as a headset, Bluetooth speaker, or Vision product), you can quickly switch the playback device in the audio control section in **Control Panel** (such as for transferring the current music playback from your phone to a Bluetooth speaker).

- 1 Connect your phone to an audio device via Bluetooth or other methods.  
After a Vision product is connected to your phone via Bluetooth, you can also connect it to the same Wi-Fi network and log in to the same **HUAWEI ID** as your phone to perform more operations.
- 2 Swipe down from the upper right edge of your phone to display **Control Panel**, touch  or the device icon (such as ) in the top right corner of the audio control section at the top, then select the audio device from the connected device list to transfer the current audio playback on your phone to the device.

### Work Seamlessly Across Devices with Device+

**Device+** allows for collaboration between different devices, making your phone the hub of your nearby tablets, computers, Visions, and other supported devices for them to be controlled conveniently. You can also seamlessly transfer ongoing tasks on your phone, from MeeTime calls to audio and video content being streamed, to your Vision with just a tap, and you can easily view the phone screen projected to your computer, or edit files on your phone using your computer.

 Please make sure your device has been updated to the latest system version.

## Set Device+

Currently, **Device+** supports linking phones with the following types of devices. To use this feature, make sure that devices to be connected support **Device+**. Before you get started, enable Bluetooth and Wi-Fi and log in to your HUAWEI ID on your phone. For other devices, perform the following settings:

- **Tablet:** Enable Bluetooth and Wi-Fi, and ensure that it is logged in to the same HUAWEI ID as your phone.
- **Computer:** Enable Bluetooth and Wi-Fi, and ensure that it is logged in to the same HUAWEI ID as your phone.
- **Vision:** Enable Bluetooth and Wi-Fi, and ensure that it is logged in to the same HUAWEI ID as your phone.
- **Bluetooth device:** Some Bluetooth devices (such as Bluetooth headsets) can be linked with your phone via **Device+** after establishing a Bluetooth connection.

**Show Device+:** If **Device+** is hidden or cannot be found, go to **Control Panel** and then to



> **Show Device+**.


## Transfer MeeTime Calls and Audio or Video Being Streamed to Other Devices

When you are making MeeTime calls on your phone, watching videos (such as in HUAWEI Video, Youku, or other video streaming apps), or listening to music, you can transfer any of these ongoing tasks to another device via **Device+** and pick up from where you left off on the new device. For instance, you can transfer a MeeTime call to your Vision and a video being streamed to your tablet.

 **MeeTime:** This feature is only available in some countries and regions.


You can select different devices to transfer the following tasks:

- **Videos:** Can be transferred to tablets and Visions.
- **MeeTime calls:** Can be transferred to Visions.
- **Music:** Can be transferred to Bluetooth earphones and Visions (either when the screen is on or off).

**1** Swipe down from the upper right edge of your phone to display **Control Panel**. Available devices will be displayed in the **Device+** section. You can also touch  to search for nearby devices manually.


**2** Touch a device that you want to transfer the ongoing tasks to.



 The figures are for reference only.

### Use Multi-Screen Collaboration on a Computer or Tablet

You can view or edit files on your phone using your computer or tablet, drag files across devices, and even use phone apps on your computer or tablet.

- 1 Swipe down from the upper right edge of your phone to display **Control Panel**. Available devices will be displayed in the **Device+** section. You can also touch  to search for nearby devices manually.
- 2 Select a device that you want to connect to, and your phone screen will then be displayed on that device.

To stop Multi-Screen Collaboration, touch the corresponding device again in the **Device+** section.

## Screenshots & Screen Recording

### Take a Screenshot


## Use Your Knuckle to Take a Screenshot

- 1 Before using knuckle gestures, use either of the following methods to make sure that all necessary features are enabled (depending on your device model):
  - Go to **Settings > Accessibility features > Shortcuts & gestures > Take screenshot** and enable **Knuckle screenshots**.
  - Go to **Settings > Accessibility features > Motion control > Take screenshot** and enable **Smart screenshot**.
- 2 Knock twice in quick succession with one knuckle to take a screenshot.

## Take a Screenshot with a Key Shortcut

Press and hold down on the Power and Volume down buttons at the same time to take a screenshot.

## Take a Screenshot with a Shortcut Switch

Swipe down from the upper right edge of the screen to display **Control Panel**, touch  to expand the shortcut switches panel, and touch **Screenshot** to take a screenshot.

## Share or Edit a Screenshot

After you take a screenshot, a thumbnail will appear in the lower left corner of the screen. Feel free to:

- Swipe up on the thumbnail to select a method for sharing the screenshot with others.
- Swipe down on the thumbnail to take a scrolling screenshot.
- Tap on the thumbnail to edit, delete, or do more with the screenshot.

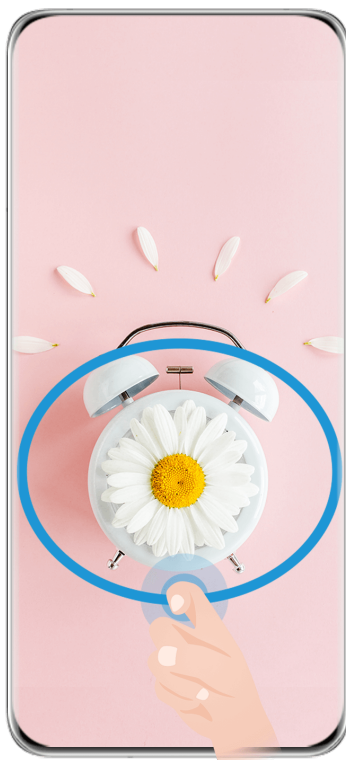
Screenshots are saved to **Gallery** by default.

## Take a Partial Screenshot


Use **Partial screenshot** to take a screenshot of a part of the screen. You can choose your preferred screenshot shape (such as a rectangle, oval, or heart).

## Take Partial Screenshots with Knuckle Gestures








**i** The figures are for reference only.

- 1** Knock on the screen with a single knuckle and hold to draw an outline around the part of the screen that you wish to capture. Make sure that your knuckle does not leave the screen.
- 2** The screen will display your knuckle movements. You can then:
  - Drag the frame to the desired position or resize it.
  - Touch any of the shape options at the bottom of the screen to change the shape of the captured area. You can also keep the original shape that you drew.
- 3** Touch  to save the screenshot.

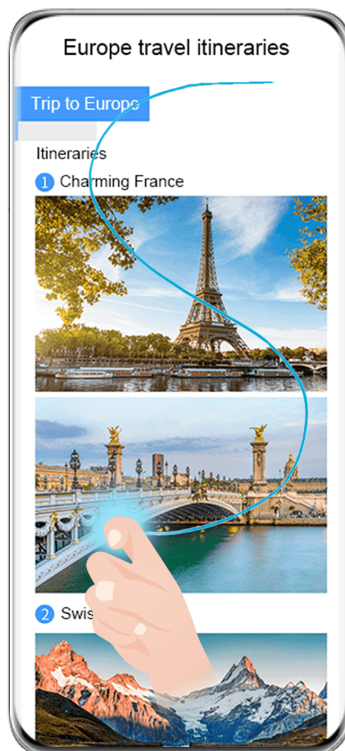
### Use a Shortcut to Take a Partial Screenshot

- 1** Swipe down from the upper right edge of the screen to display **Control Panel**, touch  to expand the shortcut switches panel, touch  next to **Screenshot**, and touch **Partial screenshot** in the displayed dialog box.
- 2** Follow the onscreen instructions to draw an outline with your finger around the part of the screen that you want to capture.
- 3** The screen will display the movement trajectory of your finger and take a screenshot of the selected area. You can then:
  - Drag the frame to the desired position or resize it.
  - Touch any of the shape options at the bottom of the screen to change the shape of the captured area. You can also keep the shape that you drew.
- 4** Touch  to save the screenshot.

## Take a Scrolling Screenshot

Use **Scrollshot** to capture a memorable chat, article, or essential work document that can't display in full on the screen, and share with others.



### Use a Knuckle to Take a Scrolling Screenshot



**i** The figures are for reference only.

- 1** Tap a single knuckle against the screen and hold to draw an "S". Your device will automatically scroll to the bottom of the page to capture all of the content in a single screenshot.
- 2** You can touch the screen at any time to stop the scrolling.

### Use a Shortcut to Take a Scrolling Screenshot

- 1** Swipe down from the upper right edge of the screen to display **Control Panel**, touch  to expand the shortcut switches panel, touch  next to **Screenshot**, and touch **Scrollshot** in the displayed dialog box.
- 2** You can touch the screen at any time to stop the scrolling.

## Enter Text

## Use Celia Keyboard

**Celia Keyboard** is a secure and intuitive keyboard developed by Huawei. It supports efficient voice inputs, smooth handwriting, an emulated mechanical keyboard, as well as 170+ input languages.

If **Celia Keyboard** is not yet installed on your device, search for and install it in **AppGallery**.

Go to **Settings > System & updates > Language & input** and set **Celia Keyboard** as the default keyboard.

### Text Input



#### Keyboard input

**Celia Keyboard** comes with a 26-key layout by default. As you type on the keyboard, a box will be displayed for you to select predicted words.





Press and hold a letter key and then swipe up to enter a number, or swipe left or right to enter the letter.

#### Voice input



You can have your speech converted into text to improve your input efficiency.

- Touch and hold  to go to the voice input screen.
- On the voice input screen, touch  to select your preferred language.

### Rich Media Input

- On the keyboard, touch and hold , then touch  and select different emojis.
- On the keyboard, touch and hold , then touch  and select different emoticons.

### Switch to Another Input Language

Touch and hold  in the lower left corner and select **English(United States)** or **More languages...** in the pop-up menu. Alternatively, touch  to quickly switch input language.

### Celia Keyboard Settings


#### Set the skin

On the input keyboard, go to  > **Theme** and select a skin.

#### Set the font

On the input keyboard, go to  > **Settings > Font** and select a font.

#### Set the keyboard sound and vibration effects

On the input keyboard, go to  > **Sound & vibration** and adjust the **Keypress volume** and **Vibration intensity**. You can also touch **Sound on keypress** and select your desired audio effects.

### Set the mechanical keyboard

On the input keyboard, go to  > **Mechanical keyboard** and toggle on the **Mechanical keyboard** switch.











To switch back to the normal keyboard, toggle off the **Mechanical keyboard** switch.

 Some devices do not support the mechanical keyboard.

## multi-window

### Edit the Multi-Window Dock

Swipe inward from the left or right edge of your phone and hold to bring up the Multi-Window dock.

- **Add apps:** Go to  >  on the Multi-Window dock, select your desired apps in the **More apps** section, then touch .
- **Move apps:** Go to  > , touch and hold an app icon on the Multi-Window dock, drag it up and down to your desired position on the dock, then touch .
- **Remove apps:** Go to  > , touch  at the top right corner of an app icon, then touch .


The Multi-Window dock is enabled by default. To disable it, go to **Settings > Accessibility features > Multi-Window**, and turn off the **Multi-Window dock** switch.

### Split the Screen, to Multi-Task Away


Multi-Window allows you to open apps in split screen mode, for seamless multi-tasking at all times.

 Split-screen mode is only supported in certain apps.


#### To check whether an app supports Multi-Window:

- 1 Swipe inward from the left or right edge of your phone screen and hold, to bring up the Multi-Window dock.
- 2 Touch  to find the list of apps that support Multi-Window in the **More apps** section.



#### Splitting the screen:

- 1 After opening an app, swipe inward from the left or right edge of your phone screen and hold, to bring up the Multi-Window dock.
- 2 Hold down on an app in the dock, drag it to the screen, and then release.
  -  If an app does not support Multi-Window, a prompt will appear onscreen.

### Switching split-screen panes:

Touch and hold down on  at the top of a split-screen pane until you see the pane shrink, then drag it to the other side of the screen to switch panes.

### Exiting split-screen mode:

Touch and hold down on  or  in the middle of the split screen line, and drag it until you see either pane disappear.

### Drag and Drop Between Apps with Multi-Window

Use the Multi-Window feature to easily drag and drop images, text, and documents between apps.

- Drag and drop an image: When taking notes with **Notepad**, open **Files**, select the photo you want to add, and drag it into the **Notepad** editor.
- Drag and drop text: When sending an SMS message, open **Notepad**, touch and hold the text you want to send, and drag it into the message text input box.
- Drag and drop a document: When writing an email, open **Files**, select the document you want to attach, and drag it into the email editor.

 Not all apps fully support drag-and-drop with Multi-Window.

### Multi-Window View for a Single App

You can create two task windows for the same app (such as Email and Notepad), and drag images, text, or documents between them.

 This feature is unavailable in some apps.

### Enter the split-screen view within an app.

- 1 Open the Email app.
- 2 Swipe inward from the left or right edge of your phone and hold to bring up the Multi-Window dock.
- 3 Touch and hold the Email icon, and drag it to the screen to enter split-screen view.

### Drag images, text, or documents between the split-screen windows.

- **Drag an image:** Select an image from one split-screen window and drag it to the other window.
- **Drag text:** Touch and hold the text and select the desired part from one split-screen window, then touch and hold the text again and drag it to the other window.

- **Drag a document:** Select a document from one split-screen window and drag it to the other window.

## Use the Floating Window

Open a floating window while gaming, and you can chat with a friend without missing a second of the action.

### Display the floating window:

- 1 Swipe inward from the left or right edge and hold to bring up the Multi-Window dock.
- 2 Touch an app icon in the Multi-Window dock to open the app in a floating window.


### Relocate the floating window:

Drag the bar at the top of the floating window to move the window to the desired position.

### Resize the floating window:

Drag the bottom edge, two sides, or bottom corners of the floating window to resize it.


### Display in full screen:

Touch  at the top of the floating window to display it in full screen.

### Minimize the floating window:


Touch  at the top of the floating window to minimize and shrink it into a floating bubble.

### Close the floating window:

Touch  at the top of the floating window to close it.

## Find and Switch Between Floating Windows for Apps

You can quickly find and switch between floating windows for apps using the floating window management function.

- 1 Make sure that you have opened floating windows for multiple apps and minimized them into the floating ball.
- 2 Touch the floating ball to display all floating window previews:
  - **Browse through the floating window previews:** Swipe up or down to find the floating window preview of the app you are looking for.
  - **Display the floating window for an app:** Touch the floating window preview of the app to display it in a floating window.
  - **Close the floating window for an app:** Touch  on the floating window preview to close it.

## Open an Attachment in a Floating Window

You can open a link or attachment within specific apps (such as Email and Notepad) in a floating window.

 This feature is unavailable in some apps.

- 1 Open the Email app.
- 2 Touch a link or attachment in the Email app to open it in the floating window.
  - **Open a link:** Touch a link in the Email app to display it in a floating window.
  - **Open an attachment:** Touch an attachment (such as a document, image, or video) in the Email app to display it in a floating window.

## Show Date and Time When the Screen Is Off

### Always On Display

With **Always On Display** enabled, the lock screen will show the date, time, and more when the screen is off.

#### Enable Always On Display




- 1 Go to **Settings > Home screen & wallpaper > Always On Display**, and enable **Always On Display**.
- 2 Set **Display mode** as prompted.

#### Set the Style for Always On Display

You can customize the display style for Always On Display (AOD) on your phone according to your preferences.



#### Select a GIF Image or Moving Picture

You can select a local image (such as a GIF image or moving picture) for Always On Display to make your display stand out.

- 1 From under **Images** on the **Always On Display** screen, go to  > **Select image** >  .  
 If you have selected a local image, touch this image and go to **Change image** >  .  
 After selecting a GIF image or moving picture, you can touch **Edit** > **Edit** to edit it.
- 2 Set other options available on the screen as needed, and touch **Apply**.

#### Add Graffiti

You can personalize Always On Display by specifying text to be displayed, selecting your preferred color scheme, and adding stickers.

- 1 From under **Graffiti** on the **Always On Display** screen, touch the style you would like to use.
- 2 Enter text in the input box and set the style options, such as **Color**.  
 You can also add **Stickers** and drag the sticker border to adjust its position and size, and touch  or  to change its direction or delete it.

### 3 Touch **Apply**.



#### Create an Artistic Image for Always On Display

You can choose from multiple modern art styles (such as the Mondrian style). You can also specify the color scheme for the artistic image, by taking a photo or choosing from your favorite photos. The colors in the photo will form a color palette for the artistic image.

**1** From under **Artistic** on the **Always On Display** screen, touch the style you would like to use.

**2** Set the related options for the **Artistic** style, such as **Layout**.

When setting **Color**, your phone can parse the colors in your specified photo and apply the abstracted color palette to the artistic image.

Touch , take a photo or select a photo from Gallery, and then go to  > **Extract colors**.

### 3 Touch **Apply**.

#### Clock Styles

You can select an **Analog** or **Digital** clock style for Always On Display.

**1** From under **Analog** or **Digital** on the **Always On Display** screen, swipe left or right to browse the clock styles and select your preferred clock style.

**2** Set the related options for the selected clock style, such as **Show date**.

**3** Touch **Apply**.

#### Get More Styles for Always On Display

On the **Always On Display** screen, touch **My AODs** or **More**.




# Smart Features

## AI Voice

### AI Voice


**AI Voice** allows you to communicate verbally with your phone.

To operate hands-free on your phone, wake up **AI Voice** and give a voice command.

-  This feature is only available in some countries and regions.
  - Please make sure your device has been updated to the latest system version.

### Countries and Regions that Support AI Voice

**AI Voice** is only supported in certain countries and regions. You can set your location to one of these countries and regions on your phone to use **AI Voice**.

-  **AI Voice** can be used in countries/regions such as the UK, France, Spain, Chile, Mexico, Colombia, Italy, Germany, Saudi Arabia, UAE, Kuwait, Jordan, Iraq, Egypt, Turkey, Thailand, the Philippines, Czech Republic, Romania, Serbia, Ukraine, Pakistan, Singapore, Poland, and Malaysia. You need to select a language supported by **AI Voice** during use.

- Go to **Settings > System & updates > Language & input > Language and region** and touch **Current region** to select a country/region from the above list.
- Go to **Settings > HUAWEI Assistant > AI Voice**, touch **Conversation language**, select a language, and follow the onscreen instructions to set it up.

### Wake up AI Voice


You can wake up **AI Voice** in multiple ways:

#### Press and hold the Power button for 1 second to wake up AI Voice

- Go to **Settings > HUAWEI Assistant > AI Voice > Wake with Power button**, and enable **Wake with Power button**.
- Press and hold the Power button for 1 second to wake up **AI Voice**.

#### Say the wakeup phrase to wake up AI Voice


- Go to **Settings > HUAWEI Assistant > AI Voice > Voice wakeup**, enable **Voice wakeup**, and follow the onscreen instructions to record your wakeup phrase.
- When you need to wake up **AI Voice**, say the wakeup phrase.

-  The settings items vary by device. If your phone does not provide a specific item, it indicates that the corresponding feature is not supported.
- You cannot wake up **AI Voice** with the wakeup phrase when your phone is in a call.
- You cannot wake up **AI Voice** with the wakeup phrase either if you are making an audio or screen recording (with microphone enabled). In this case, you can press and hold the Power button to wake up **AI Voice**.
- This feature is only available in some countries and regions.

### Communicate with AI Voice

**AI Voice** can be in one of the following three modes: Idle, Listening, and Thinking. You can talk to **AI Voice** when it is in the Listening mode.

- Idle mode: **AI Voice** doesn't pick up any sound in this mode.
- Listening mode: You can talk to **AI Voice** as it can listen to you in this mode.
- Thinking mode: **AI Voice** can start to execute your voice commands.

 This feature is only available in some countries and regions.

### AI Voice Skills

AI Voice allows you to navigate on your phone with simple voice commands. You can use AI Voice to:

- Make phone calls
- Send SMS messages
- Launch apps
- Add calendar events and reminders
- Check the weather and more
- Enable AI Lens, and identify content onscreen

To use the voice assistant, wake up **AI Voice** and say your command, such as "Call Zichen", "Set an alarm for 8 AM", and "Open Camera".

### View AI Voice Skills

You can view the skills incorporated into the **AI Voice** feature in either of the following ways:

- Wake up **AI Voice** and ask: "What can you do?". **AI Voice** will display the Skill center, where its skills are listed.

 This feature is only available in some countries and regions.

- Please make sure your device has been updated to the latest system version.


### Play Music or Videos with Voice Commands

If you want to listen to music or watch videos, wake up **AI Voice** and give the voice commands directly.

## Play Music with Voice Commands


You can request your device to play a song for you with **AI Voice**.

Wake up **AI Voice** and give voice commands such as "Play music", "Play previous song", or "Play next song".

 This feature is only available in some countries and regions.

## Play Videos with Voice Commands

Wake up **AI Voice** and give voice commands such as "Play video", "Play Friends in HUAWEI Video", "Show me a funny video", or "Play a Coldplay video".

 This feature is only available in some countries and regions.

## Speech Translation

**AI Voice** allows you to translate your voice or text input so you can communicate with foreign friends easily.

 . This feature is only available in some countries and regions.

- Please make sure your device has been updated to the latest system version.



## Speech Translation

You can use **AI Voice** to translate your voice or text input into the target language you have set.

- 1 Wake up **AI Voice** and give the voice command "Translate".
- 2 Say or type in what you want to be translated.
- 3 **AI Voice** will display the translated result and broadcast it for you.

## Communicate Easily with Face-to-Face Translation


Face-to-face translation allows you to overcome language barriers when you are traveling abroad or in an international conference.

- 1 Wake up **AI Voice** and give the voice command "Face-to-face translation" to enter the translation screen.
- 2 Touch  or  (depending on your device model), so the text on each of the two sections can be read from each side of the device.
- 3 Press the button on your side of the section, say what you want to be translated, and release the button for **AI Voice** to display the translated result in real time and broadcast it.

## Enable AI Lens with AI Voice

You can use **AI Voice** to wake up **AI Lens**.

Wake up **AI Voice** and give a voice command such as "AI Lens".

-  This feature is only available in some countries and regions.
  - Please make sure your device has been updated to the latest system version.

### Scan and Shop with AI Voice

- 1 Wake up **AI Voice** and give voice commands such as "Look at how much is the refrigerator", or "Help me look at the same style of this juice machine".
- 2 Position the object within the viewfinder and wait for it to be identified.
- 3 You will be provided with purchase links to different shopping platforms once the object has been recognized.

### Scan and Translate with AI Voice

- 1 Wake up **AI Voice** and ask questions or give voice commands such as "Please scan this menu and translate it" or "Scan this street sign and translate it".
- 2 Select the source and target languages from the language list.
- 3 Position the text you want to translate within the viewfinder and wait for it to be translated.

### Scan to Learn More with AI Voice

- 1 Wake up **AI Voice** and ask questions or give voice commands such as "Help me see what this flower is" or "Please have a look what is this building".
- 2 Position the object within the viewfinder and wait for it to be identified.
- 3 Touch the information card to obtain additional information.

### Scan and Count Calories with AI Voice

- 1 Wake up **AI Voice** and ask questions or give voice commands such as "Have a look how much heat this steak has", or "How much heat I can gain by eating this egg tart".
- 2 Position the food within the viewfinder and wait for the calorie and nutrient information to be displayed.

### Scan Codes with AI Voice




- 1 Wake up **AI Voice** and give voice commands such as "Scan this QR code" or "Scan the barcode".
- 2 Position the QR code or barcode within the scan frame and wait for it to be recognized.

## AI Lens

### Scan to Translate

**AI Lens** allows you to scan and translate text in a foreign language, so you can easily read road signs, menus, or descriptions on cosmetics bottles when you are traveling or shopping abroad.

## Scan to Translate Using Camera

- 1 Go to **Camera** > **Photo**, touch , and then touch  or  (depending on your device model).
- 2 Select the source and target languages from the language list.
- 3 Position the text you want to translate within the viewfinder, and wait for it to be translated.

## AI Touch

### Enable AI Touch

When you see any content that you are interested in on your phone, touch and hold the screen with two fingers to bring up **AI Touch** to learn more.

Go to **Settings** > **HUAWEI Assistant** > **AI Touch** and enable **AI Touch**.

### Shop with AI Touch

When you see an item you wish to buy on your phone, you can use **AI Touch** to quickly search for the item and compare prices across multiple shopping platforms before making the purchase.

### Touch to Get it Right Away!

- 1 Go to **Settings** > **HUAWEI Assistant** > **AI Touch** and enable **AI Touch**.
- 2 When you see an item that you wish to buy, touch and hold down on the screen with two fingers.
- 3 Adjust the size and position of the identification box so that it covers the item you wish to identify.
- 4 Once the item has been identified, you will see a set of purchase links from different shopping platforms.

## Easy Projection

### Use Desktop Mode

After your phone screen is projected, go to  > **Desktop**.

In **Desktop**, your phone and the large display work independently and can show different content. The content projected on the large display is in a layout similar to that on a computer desktop.

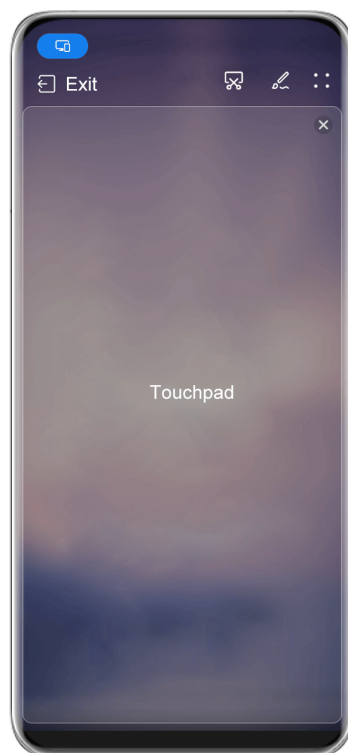
Therefore, you can edit a document on the large display while chatting on your phone. You don't need to worry about missing out on notifications, calls, or messages, as a red dot will appear on the notification panel on the external display to let you know.


## Use Your Phone as a Touchpad

After projecting your phone on the large display in **Desktop**, if no keyboard is available, your phone can work as a touchpad to complete input operations of a mouse and keyboard.

Go to  > **Touchpad**. You can:

- Use gestures as instructed to simulate mouse commands.



 The figures are for reference only.


- When no external keyboard is connected, touch the text input box on the external display to display the onscreen keyboard to input text. If an external keyboard is connected, the onscreen keyboard will not be available. In this case, you need to use the external keyboard to input text.

## Use Screen Projection to Make Work Easier

In **Desktop**, you can use the following features:

- **Multi-window display:** Open multiple windows at a time to multitask.
- **File management:** Save files to the desktop, create files or folders, and rename or delete files.
- **Quick search:** Search for documents, multimedia files, and apps using the start menu search box.
- **Quick app projection:** Touch and hold an app icon on your phone to view the projection options. You can then project and open the app on the large display.

## Exit Desktop Mode

To exit Desktop mode, go to  > **Mirror screen**.

## Multi-screen Collaboration

### Drag to Transfer Files Between Your Phone and Laptop

After connecting your phone to a laptop, you can transfer files between them to make work easier.

#### Drag and Drop Files


After Multi-Screen Collaboration is established between your device and PC, you can drag and drop files such as pictures and videos between them to make your work easier.

Transfer files from your device to the PC.

- In the device window on the PC, open **Gallery** or **Files**, click and hold a picture or video, click and hold any of the selected files until a dragging icon is displayed, then drag the files to a folder on your PC.
- In the device window on the PC, drag the selected pictures or text and drop them in an opened document on your PC.

For example, drag a photo or text from Notepad in the device window and drop it to an Office document opened on your PC, then continue editing on your PC.

Transfer files from your PC to your device:

- Go to **Gallery** > **Albums** in the device window, and drag a picture or video from your PC to the device window.
- Open **Files** in the device window, and drag a document from your PC to the device window.
  -  The file will be saved in the folder that is open in **Files**, or in the **Huawei Share** folder by default.
- Open a file in the device window on the PC, then drag a picture or text from Notepad to the device window.

For example, drag a picture on your PC to a Notepad item opened in the device window, then continue editing on your device.

#### Use Huawei Share OneHop to Transfer Files



After Multi-Screen Collaboration is enabled between your device and PC, you can transfer files between them using **Huawei Share** OneHop, without needing a data cable or any software.

#### Share pictures and videos


- **Transfer pictures and videos from your device to your PC:**

**1** On your device, select one or more pictures and videos in **Gallery**.






- 2 Place the NFC area (near the rear camera) on the back of your device against the  or  label on the PC until your device vibrates or plays a tone. The selected pictures or videos will be quickly transferred to your PC.


- **Transfer pictures from your PC to your device:**

- 1 Right-click a picture on your PC and use Huawei Image viewer to open it.
  - 2 On your device, exit **Gallery** or go to the home screen, and place your device against your PC (in the same way as above) to transfer the picture from your PC to your device.
-  Ensure that PC Manager is running version 9.0 or later.

### Record the PC screen:



Shake your device and place it against your PC to project and record the PC screen on your device.

- 1 Shake your device and immediately place the NFC area (near the rear camera) on the back of the device against the  or  label on your PC until your device vibrates or plays a tone. Your PC screen will then be projected and recorded on your device.
- 2 Touch  on your device to stop the screen recording, which will be saved to **Gallery** on your device.

-  • This feature is currently supported on Intel laptops only.
- Ensure that PC Manager is running version 9.1 or later.


### Share documents

- **Transfer documents from your device to your PC:**

- 1 On your device, use Microsoft Office to open the document you want to transfer.
- 2 Place the NFC area (near the rear camera) on the back of your device against the  or  label on the PC until your device vibrates or plays a tone. The selected documents will be quickly transferred to your PC.

- **Transfer documents from your PC to your device:**

- 1 On your PC, use Microsoft Office to open the document you want to transfer.
- 2 On your device, exit Microsoft Office or return to the home screen, then place the device against your PC (in the same way as above). The file opened on your PC will then be transferred to your device.

-  Ensure that PC Manager is running version 9.1 or later.

### Access Phone Apps and Files on Your Computer

After Multi-screen Collaboration is enabled between your phone and Huawei or Honor laptops, you can use a mouse and keyboard on your laptop to access your phone apps and files.



## Operate Phone Apps on Your PC

### Use a mouse to perform operations quickly

- Open an app: Click an app in the phone window on your PC to open it.
- **Browse a page:** Use the mouse scroll wheel to browse web pages in the phone window or scroll between desktop tabs.

### Use a keyboard to perform operations quickly

- **Input text:** Use the input method on your PC to enter text in the phone window.
- **Copy and paste text:** Press Ctrl+C on the PC keyboard to copy text and press Ctrl+V to paste it in the phone window.
  - **i** To view information about the text you have copied recently, click the Notification Center icon on the PC, then select the **Clipboard** tab.
- **Send messages quickly:** Press Ctrl+Enter on the keyboard to send a message in the phone window.
- Exit an app: Press the ESC key on the keyboard to exit an app in the phone window.

### Always display the phone window on the top

In the phone window on your PC, click  >  to pin the phone window so that it will be always displayed on the top, and click this icon again to unpin the phone window.

## Answer a Voice or Video Call on Your Laptop

After Multi-Screen Collaboration is enabled between your phone and laptop, you can use the laptop to answer voice and video calls (such as those in WeChat, QQ, and MeeTime) from your phone. During a call, the audio and video can be played through your laptop and its accessories such as the speaker and camera.

Swipe down from upper left edge of your phone to display the notification panel, and touch **Play audio/video on phone** or **Play audio/video on PC** to switch the audio output device.

- **i** Please ensure that your laptop is running PC Manager 10.1 or a later version.

## Open and Edit Files on Your Phone Using Apps on the PC

After connecting your phone to your laptop, you can open and edit various files on your phone from your laptop.


- **Documents:** Use Microsoft Office on your laptop to open a document.
- **Pictures:** Use Photoshop on your laptop to open or edit a picture.
- **Audio and video files:** Use Windows Media Player to open an audio or video file.
- **Web pages:** Use IE browser on your laptop to open a web page.
- **Compressed files:** Use WinRAR on your laptop to extract and open compressed files.
- **i** Please ensure that your laptop is running PC Manager 10.1 or a later version.

# Multi-screen Collaboration Between Your Tablet and Phone

## Multi-screen Collaboration Between Your Phone and Tablet


Connect your phone and tablet to use Multi-screen Collaboration for cross-device operations, such as to display your phone screen on the tablet, use your phone apps on the tablet, drag files across the two devices, and edit a file from your phone on the tablet.

### Connect Your Phone and Tablet

 Only certain Huawei and Honor tablets support this feature.

Connect your phone and tablet and enable Multi-Screen Collaboration using one of the following methods (depending on your device model):

#### Connect over Bluetooth:


- 1 Swipe down from the upper right edge of the tablet screen to display **Control Panel**, touch  to expand the shortcut switches panel, and enable **Multi-Screen Collaboration**.
- 2 Swipe down from the upper right edge of the phone screen to display **Control Panel** and enable **Bluetooth**.
- 3 Hold your phone close to your tablet and follow the onscreen instructions to establish a connection.

#### Scan a QR code to connect:

- 1 Open **Multi-Screen Collaboration** on your tablet and touch **Scan to connect** on the **Multi-Screen Collaboration** screen.
- 2 Ensure that your phone is connected to the Internet and connect your phone and tablet as prompted.

#### Connect by tapping against an NFC-capable keyboard:

You can place your phone against the standard NFC-capable keyboard that comes with your tablet to enable Multi-screen Collaboration.

- 1 Make sure that your tablet has been paired with the keyboard.
- 2 Swipe down from the upper right edge of the phone screen to display **Control Panel**, touch  to expand the shortcut switches panel, and enable **NFC**.
- 3 Tap the NFC area at the back of your phone (near the rear cameras) against the NFC area of the keyboard until your phone vibrates or plays a tone.
- 4 Connect your phone and tablet as prompted.

## Access Phone Apps and Files from Your Tablet

After connecting your phone with your tablet, you can operate your phone from your tablet, such as to use phone apps and files, view phone notifications (such as SMS messages), and make or answer phone calls.

When your phone screen is unlocked, you can perform the following operations in the phone window on your tablet:

- Open **Phone** to make a call by dialing a number.
- Open **Messaging** to view and reply to SMS messages.
- Open **Gallery** or **Files** to view photos, videos, and files, as well as to play video or audio files from your phone.
- Swipe down from the upper left edge of your phone or tablet screen to display the notification panel and touch **Play audio/video on phone** or **Play audio/video on tablet** to switch between playback devices.
- If your tablet is connected to an external keyboard or a stylus, you can use it to input text and control the phone window on your tablet.

## Drag to Transfer Files Between Your Phone and Tablet


- 1 Open **Gallery** or **Files**, and touch and hold a picture, video, or document.
- 2 Select more files if needed, touch and hold any of the selected files, then drag them when an icon for dragging files appears.

For example, you can:

- Drag to transfer files in **Gallery** or **Files** between your phone and tablet.
- Drag to transfer files in **Files** between your phone and tablet.
- Drag a picture, text, or file from your phone to an open document on your tablet, such as a Microsoft Office document, memo, or email.

## Disconnect Your Phone from Your Tablet



After you have finished using your phone and tablet, you can disconnect them using the following methods:

- On the phone window displayed on the tablet, touch  to disconnect.
- Swipe down from the upper left edge of your phone or tablet screen to display the notification panel and touch **DISCONNECT**.


## Tap to Project to a Smart Screen

### Tap to Project Your Phone to a Vision

With just one tap, you can project videos or games from your phone to a HUAWEI/HONOR Vision to enjoy it on a larger display.

- 1 Swipe down from the upper right edge of your phone to display **Control Panel**, touch to expand the shortcut switches panel, and enable **NFC** and **Wi-Fi**.
- 2 Tap the NFC area of your phone (usually around the rear camera) against the  or  icon on the remote control of your Vision.
- 3 Follow the instructions in the pop-up dialog to select the Vision on your phone when pairing the two devices for the first time, then click **ACCEPT** on the Vision.


To disconnect the two devices, swipe down from the upper left edge of your phone to display the notification panel and touch **DISCONNECT**.

 Screen projection won't work if your phone is locked or the screen is off.

## Huawei Print

### Print Files, with Huawei Print

Your phone makes it easy to print images and documents on it, by detecting nearby printers that support **Huawei Print**. Then just touch to print!

- 1 Power on the target printer and make sure that it is connected to the same Wi-Fi network as your phone, or that Wi-Fi Direct is enabled.
- 2 To print files stored in different locations on your phone:
  - **Gallery**: Open an image or select multiple images in **Gallery**, and go to **Share** > .
  - **Notepad**: Open a note in **Notepad**, and go to **More** > **Print**.
  - **Files**: Select one or more files in **Files**, and go to **Share** > **Print**.
- 3 After granting the necessary permissions, touch **Select** to detect nearby printers and select the desired printer. You can then set the number of copies, color, paper size, and other options on the preview screen, and touch **PRINT**.  
If no printer is detected, download and install the required printer plug-in as prompted on the **Select printer** screen.

## Multi-Device Collaboration

### Work Seamlessly Across Devices with Device+

**Device+** allows for collaboration between different devices, making your phone the hub of your nearby tablets, computers, Visions, and other supported devices for them to be controlled conveniently. You can also seamlessly transfer ongoing tasks on your phone, from MeeTime calls to audio and video content being streamed, to your Vision with just a tap, and you can easily view the phone screen projected to your computer, or edit files on your phone using your computer.

 Please make sure your device has been updated to the latest system version.

## Set Device+

Currently, **Device+** supports linking phones with the following types of devices. To use this feature, make sure that devices to be connected support **Device+**. Before you get started, enable Bluetooth and Wi-Fi and log in to your HUAWEI ID on your phone. For other devices, perform the following settings:

- **Tablet:** Enable Bluetooth and Wi-Fi, and ensure that it is logged in to the same HUAWEI ID as your phone.
- **Computer:** Enable Bluetooth and Wi-Fi, and ensure that it is logged in to the same HUAWEI ID as your phone.
- **Vision:** Enable Bluetooth and Wi-Fi, and ensure that it is logged in to the same HUAWEI ID as your phone.
- **Bluetooth device:** Some Bluetooth devices (such as Bluetooth headsets) can be linked with your phone via **Device+** after establishing a Bluetooth connection.

**Show Device+:** If **Device+** is hidden or cannot be found, go to **Control Panel** and then to



> **Show Device+**.


## Transfer MeeTime Calls and Audio or Video Being Streamed to Other Devices

When you are making MeeTime calls on your phone, watching videos (such as in HUAWEI Video, Youku, or other video streaming apps), or listening to music, you can transfer any of these ongoing tasks to another device via **Device+** and pick up from where you left off on the new device. For instance, you can transfer a MeeTime call to your Vision and a video being streamed to your tablet.

 **MeeTime:** This feature is only available in some countries and regions.


You can select different devices to transfer the following tasks:

- **Videos:** Can be transferred to tablets and Visions.
- **MeeTime calls:** Can be transferred to Visions.
- **Music:** Can be transferred to Bluetooth earphones and Visions (either when the screen is on or off).

**1** Swipe down from the upper right edge of your phone to display **Control Panel**. Available devices will be displayed in the **Device+** section. You can also touch  to search for nearby devices manually.


**2** Touch a device that you want to transfer the ongoing tasks to.



 The figures are for reference only.

## Use Multi-Screen Collaboration on a Computer or Tablet

You can view or edit files on your phone using your computer or tablet, drag files across devices, and even use phone apps on your computer or tablet.

- 1 Swipe down from the upper right edge of your phone to display **Control Panel**. Available devices will be displayed in the **Device+** section. You can also touch  to search for nearby devices manually.
- 2 Select a device that you want to connect to, and your phone screen will then be displayed on that device.


To stop Multi-Screen Collaboration, touch the corresponding device again in the **Device+** section.

## Audio Control Panel

### Audio Control Panel



## Manage Audio Playback in Audio Control Panel

When multiple audio apps (such as **Music**) are opened, you can manage music playback and switch between these apps in Audio Control Panel with ease.

- 1 After opening multiple audio apps, swipe down from the upper right edge of the phone to display **Control Panel**, then touch the audio playback card at the top of **Control Panel**.
  - 2 The currently and recently used audio apps will be displayed in Audio Control Panel where you can manage playback (such as playing, pausing, and switching to the previous or next song) in the app in use, or touch another audio app to quickly switch playback.
-  Some apps need to be updated to the latest version before using this feature.
  - Not all apps support Audio Control Panel.

## Quickly Switch Audio Playback Device

When your phone is connected to an audio device (such as a headset, Bluetooth speaker, or Vision product), you can quickly switch the playback device in the audio control section in **Control Panel** (such as for transferring the current music playback from your phone to a Bluetooth speaker).

- 1 Connect your phone to an audio device via Bluetooth or other methods.  
After a Vision product is connected to your phone via Bluetooth, you can also connect it to the same Wi-Fi network and log in to the same **HUAWEI ID** as your phone to perform more operations.
- 2 Swipe down from the upper right edge of your phone to display **Control Panel**, touch  or the device icon (such as  ) in the top right corner of the audio control section at the top, then select the audio device from the connected device list to transfer the current audio playback on your phone to the device.







# Camera and Gallery


## Take Photos

### Take Photos

**1** Open **Camera**.

**2** You can then:

- **Focus:** Touch the location you want to focus on.  
To adjust focus and metering separately, touch and hold the viewfinder and drag the respective frame or ring to the desired location.
- **Adjust brightness:** Touch the viewfinder. When the  symbol appears next to the focus frame, drag it up or down.
- **Zoom in or out:** On the viewfinder, pinch in or out, or drag the zoom slider.
- **Select a camera mode:** Swipe up, down, left, or right across the camera mode options.
- **Turn the flash on or off:** Touch  and select  (Auto),  (On),  (Off), or  (Always on).


If you select  (Auto) and the camera detects that you are in a dimly lit environment, a flash icon will appear in the viewfinder and the flash will be automatically turned on when you take a photo.

 These features may not be available in some camera modes.

**3** Touch the shutter button to take a photo.

### Use the Floating Shutter to Take Photos

You can enable the floating shutter to display it in the camera viewfinder, and drag it anywhere you like to take photos quickly.

**1** Go to **Camera** >  and enable **Floating shutter**.

**2** The floating shutter will then be displayed in the viewfinder. You can drag it anywhere you like.

**3** Touch the floating shutter to take a photo.

### Take Burst Photos




Use Burst mode to take a sequence of photos in quick succession so you can choose the best one.


**1** Open **Camera**, select **Photo** mode, and make sure the rear camera is in use.



- 2 Press and hold the shutter button or one of the Volume buttons to take burst photos. When shooting, you'll see a number in the viewfinder, which indicates how many photos you've taken so far.
- 3 Release your finger to stop shooting.


### Select the Burst Photos You Want to Keep

- 1 Open **Gallery**. Touch a burst photo (which is tagged with ) , then touch .
- 2 Swipe through the burst photos, select the ones you want to keep, then touch  and follow the onscreen instructions.

To delete the whole burst photo, touch and hold to select the photo, then touch .


### Take Timed Photos

The camera timer allows you to set a countdown so you can get into position after you have touched the shutter button.

- 1 Go to **Camera** >  > **Timer** and select a countdown.
- 2 Return to the viewfinder and touch the shutter button. Your phone will take a photo when the countdown ends.


### Use Audio Control to Take Photos

You can use your voice to take photos without having to touch the shutter button.

- 1 Go to **Camera** >  > **Audio control**, and select an option.
- 2 Go back to the viewfinder, then say your command to take a photo.

### Get Instant Gratification, with Snapshot Mode

**Snapshot** will reward you with a photo as soon as you touch the shutter button, turning your spur-of-the-moment pics into instant classics!

- 1 Go to **Camera** > **More** and select **Snapshot**.
- 2 Touch  to take a photo.

## Shoot in Portrait, Night, and Wide Aperture Modes

### Use Portrait Mode to Shoot Portraits


Portrait mode lets you apply beauty and lighting effects to your photos to shoot stunning portraits.


- 1 Open **Camera** and select **Portrait** mode.
- 2 Frame your subject within the viewfinder.

To take a selfie, touch .

**3** You can then:

- Enable beauty effects: Touch  and adjust the beauty settings.

To disable the beauty effects, drag the setting to its lowest value, or touch .

- Set lighting effects: Touch  and select your preferred effect.
- Light compensation: When you switch to the front camera and the ambient light is dim, touch the flash icon to enable light compensation.

Touch the flash icon and select  (Auto) or  (Always on).

 Not all devices support these features.

**4** Touch the shutter button to shoot a photo.

## Take Night Shots

Night mode gives your photos sharper details and brighter colors even when shooting in low light or at night.


**1** Open **Camera** and select **Night** mode.

**2** When shooting with the rear camera, some phones allow you to adjust the ISO sensitivity and shutter speed by touching **ISO** or **S** in the viewfinder.

**3** Steady your phone and touch the shutter button.

**4** Your phone will adjust the exposure time based on the ambient brightness. Keep your phone steady until the countdown finishes.

You can also touch the shutter button to take a photo before the countdown finishes.


 Some phones do not support ending a countdown before it is due to finish.



## Use the Front Camera to Take Night Portraits

To take a selfie at night or when there is not sufficient light around you, you can use the front camera in Night mode.



In a dim environment, you can turn on the flash to get an illuminated photo of your face.

**1** Open **Camera** and select **Night** mode.

**2** Touch  to switch to the front camera and:

- Touch the flash icon and select  (auto) or  (steady on) to enable the flash. This allows you to capture an illuminated photo of your face when there is not sufficient light around you.

- Touch  to adjust the beauty effect.


-  If the  icon cannot be found in the viewfinder of your phone, it means that beauty mode is not supported.

- 3** Steady your phone and touch the shutter button.

## Take Photos, with Aperture Mode




### Take Wide Aperture Photos

Wide aperture mode allows you to shoot photos and videos with a blurred background while your subject remains in sharp focus.

- 1** Open **Camera** and select **Aperture** mode.
- 2** Touch where you want to focus. For best results, your phone needs to be within 2 m (about 7 ft.) of your subject.
- 3** Touch  in the viewfinder and drag the slider to adjust aperture settings. A smaller aperture value will create a more blurred background.
- 4** Touch the shutter button to shoot a photo.

### Edit Background Blur in Wide Aperture Photos

You can adjust the focus and background blur after you've taken a wide aperture photo.




- 1** Go to **Gallery** > **Albums** > **Camera**.
- 2** Touch a photo tagged with , then touch  at the top of the photo.
- 3** Touch the photo to adjust the focus. Drag the slider at the bottom to adjust the aperture.
- 4** Touch  to save the settings.

## Master AI




### Take Professional-Looking Photos

Master AI is a pre-installed camera feature that helps you take better photos by intelligently identifying objects and scenes (such as food, beaches, blue skies, and greenery, as well as text) and optimizing the color and brightness settings accordingly.

-  Master AI is displayed as AI photography or AI camera on some devices.

- 1** Open **Camera** and select **Photo** mode.
- 2** Touch to turn on .
- 3** Frame the subject within the viewfinder. Once the camera identifies what you are shooting, it will automatically recommend a mode (such as portrait, greenery, or text).
- 4** To disable the recommended mode, touch  next to the mode text or turn off .

## Use Moon Mode

- 1 Open **Camera** and select **Photo** mode.
  - 2 Touch to turn on .
  - 3 Aim the camera at the moon and spread your fingers on the viewfinder to adjust the zoom to 10x or more.  
When the camera detects the moon, it will automatically enter **Moon** mode.
  - 4 Touch  to take a photo.
-  **Moon** mode can only identify the moon if it is at least half full. The mode may not launch if the moon is shrouded by clouds.


## Take Photos with Various Zoom Settings

### Take Wide-Angle or Long-Focus Photos

The zoom capabilities of your device's camera allow you to capture more of a scene, or distant vistas.

#### Take Wide-Angle Photos



- 1 Open **Camera** and select **Photo** mode.
- 2 Point the camera at the subject and zoom in or out using the side bar, or by pinching or spreading two fingers on the screen. The smaller the value, the wider the angle of view. You can also use **Super wide angle** mode (only available on certain models).

On the **Photo** screen, make sure that  is enabled. Then point the camera at the desired subject. If your phone detects a high-rise or other buildings, it will automatically recommend **Super wide angle** mode to you. Touch **Wide** to get a wider field of view.



- 3 Touch  to take a photo.

#### Automatically Switch to Wide Angle When Taking Selfies with the Front Camera

When the front camera of your phone detects multiple people in the frame, it will automatically switch to the wide angle to fit more people into your photo.

- 1 Open **Camera**, select **Photo** or **Portrait** mode, then touch  to switch to the front camera.
- 2 After you switch your phone from portrait to landscape orientation, the camera will automatically switch to Wide-angle mode. When there are three or more people in the viewfinder, the camera will automatically switch to the widest angle in Wide-angle mode. You can also drag the zoom slider in the viewfinder to manually switch between zoom levels.
- 3 Touch  to take a photo.

## Take Photos from Far Away



- 1 Open **Camera** and select **Photo** mode.
- 2 Point the camera at a distant subject and zoom in or out using the side bar or by pinching or spreading two fingers on the screen.  
If your phone supports zooming in more than 15X, a picture-in-picture preview frame will be displayed in the viewfinder to help you focus on your subject when you zoom in more than 15X.  
 Some products do not support the picture-in-picture preview frame.
- 3 In the viewfinder, touch where you want to focus, and touch  to shoot when the subject is in focus.

## Monochrome Photography

### Monochrome




#### Take Black and White Photos

Black and white photography removes distracting colors to help you focus more on form, shape, and texture.

- 1 Go to **Camera** > **More** and select  mode.
- 2 Touch  to take a photo.

#### Take Monochrome Videos

Monochrome videos filter out colors and highlight the contrast and details.


- 1 Go to **Camera** > **More** and select  mode.
- 2 Touch  to switch to Video mode.
- 3 Touch the shutter button to begin recording. While shooting, you can touch  to take a photo.

## Moving Pictures

### Take Moving Pictures to Bring Photos to Life


Moving pictures capture a second of movement and sound before and after you touch the shutter button.

## Take Moving Pictures

- 1 Go to **Camera > Photo** and touch  to enable Moving picture, or go to **Camera > More** and select **Moving picture** (depending on your device model).
- 2 Touch the shutter button to shoot.

## Play Moving Pictures





Moving pictures are saved in JPG format in **Gallery**.



Go to **Gallery > Albums > Camera**, touch a moving picture, then touch  at the top of the picture to view it.

The moving picture will automatically stop after a complete playback. You can also touch the screen to stop the playback.

## Edit Moving Pictures

After taking a moving picture, you can set the cover, edit the picture, or save any frame of the moving picture as a static photo.

- 1 Open **Gallery**, touch the moving picture that you want to edit, then touch .
- 2 Touch **Smart** to:
  - Set the cover: Your phone recommends the best frames, which are indicated by crown icons. Select your desired frame and touch **Set as cover** to set it as the cover, which is indicated by a dot over the frame.
  - Edit the picture: After setting the frame to be edited as the cover frame, touch **Auto** or **De-mist** in **Smart**. Your phone will then automatically optimize the picture for you.
    -  If you want to apply more than one of the aforementioned features to the photo, touch  each time you apply a feature.
- 3 After you have finished editing the picture, touch  to save it as prompted. You can also save the picture as a new moving photo in the original photo album.

To save one of the frames in the moving picture as a static photo, touch , set the frame as the cover frame, edit the frame using features with the exception of **Smart** (such as filters), then touch . The cover frame will be saved as a static photo.


## Save a Moving Picture as a GIF File or Video

To save a moving picture as a GIF file or video, touch the moving picture in the album, touch

- •
- •, then select **Save as video** or **Save as GIF**.

## Share Moving Pictures

You can share moving pictures with Huawei or Honor devices using various methods, such as Wi-Fi Direct, Bluetooth, or Huawei Share.

Go to **Gallery > Albums > Camera**, touch and hold to select the moving pictures you want to share, then touch  to share them.

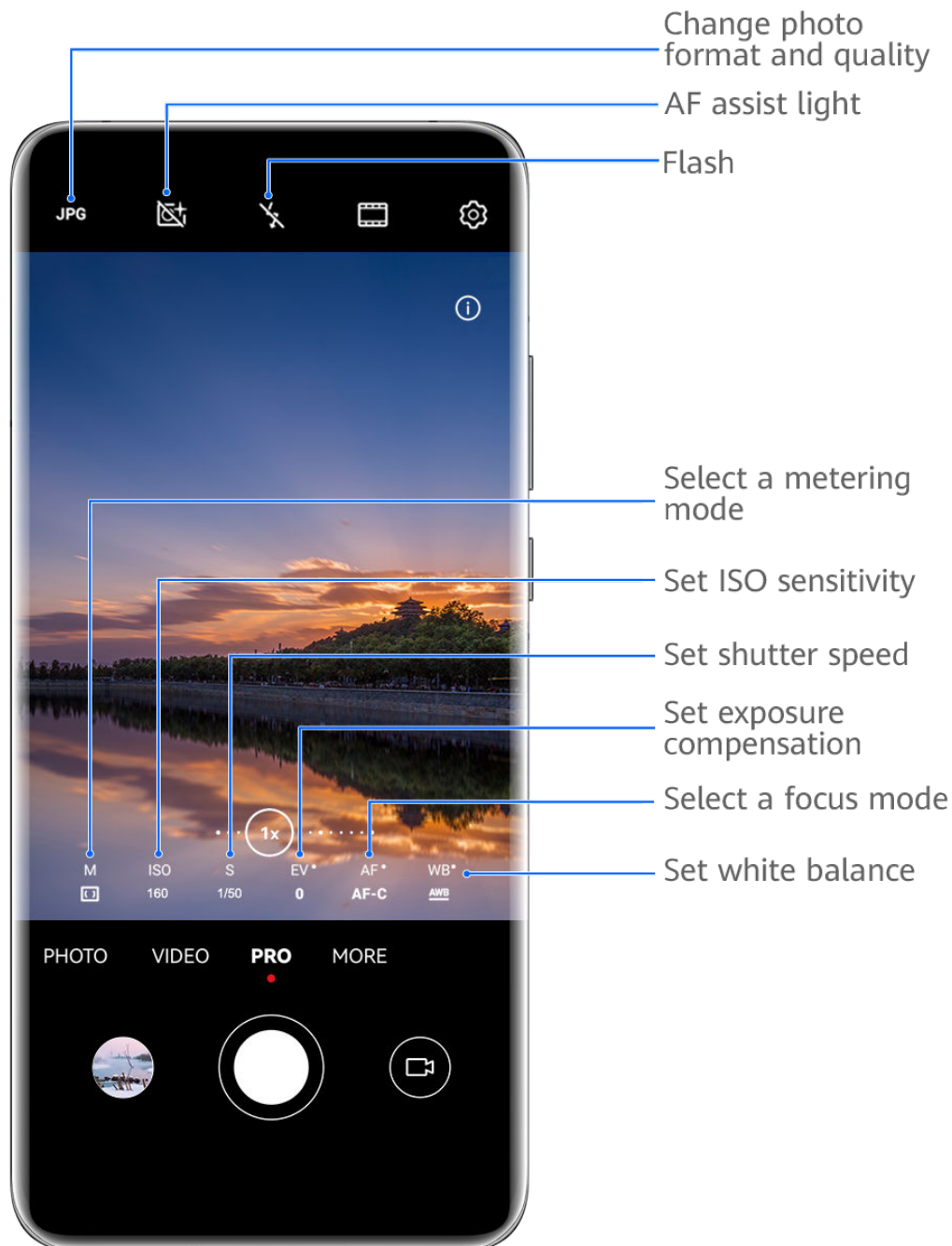
If you share moving pictures to third-party apps or incompatible devices, moving pictures will be displayed as static images.

## Pro Mode

### Use Pro Mode to Shoot Like a Pro

Pro mode lets you fine-tune photos and videos and gives you full control over ISO sensitivity, focus mode, and more when taking photos or recording videos.

### Shoot to Stun, with Pro Mode





**i** The figures are for reference only.


**1** Open **Camera** and select **Pro** mode.

**2** From there, you can:

- Adjust the metering mode: Touch **M** and select a metering mode.





Metering mode	Overview
 <b>Matrix</b>	Measures light across the entire frame; ideal for shooting natural landscapes.
 <b>Center</b>	Focuses on light near the center of the screen; ideal for shooting portraits.




Metering mode	Overview
 <b>Spot</b>	Focuses on light from a specific region, such as a subject's eyes.

- Adjust the ISO sensitivity: Touch **ISO** and drag the slider.  
In low-light settings, you'll generally want to increase the ISO sensitivity. In well-lit settings, you'll want to reduce it to avoid image noise.
- Adjust the shutter speed: Touch **S** and drag the slider.  
The shutter speed determines the amount of light that is able to enter the camera lens. When shooting stationary scenes or portraits, it's recommended that you use a slower shutter speed. Likewise, when shooting fast-moving scenes or objects, you'll want to increase the shutter speed.
- Adjust EV exposure compensation: Touch **EV** and drag the slider.  
It's recommended that you increase the EV value in low-light environments, and decrease it in well-lit environments.
- Adjust the focus: Touch **AF** and select a focus mode.

Focus Mode	Usage scenarios
<b>AF-S (single)</b>	Stationary subjects
<b>AF-C (continuous)</b>	Moving subjects
<b>MF (manual)</b>	Touch the subject of interest to focus in on them, such as the subject's face.

- Adjust the color cast: Touch **WB** and select a mode.  
When shooting in bright daylight, select . When shooting in overcast conditions or low-light environments, select .  
Touch  to adjust the color temperature.
- Select the storage format: **Pro** mode allows you to save the photo in different formats.  
Touch **JPG** in the viewfinder to select your preferred format.  
Images in JPG format require less storage space.  
If you select RAW format, your phone will automatically save the photos you take in DNG and standard formats. DNG format retains more details, and gives you access to a wider range of post-processing options, but takes up more storage space.
- Enable AF assist light: For better focus in low-light environments, touch  to enable AF assist light.




**3** Touch the shutter button to take a photo.

-  These features are only supported on certain device models.
- Changing a specific setting will sometimes cause other settings to change as well. Adjust them according to your actual requirements.

## Use Pro Mode to Record Videos

**1** In **Pro** mode, touch  to switch to Video mode. You can then:

- Adjust the metering mode: Touch **M** and select a metering mode.


Metering Mode	Description
 <b>Matrix</b>	Measures the light in the whole frame. Applicable when shooting natural landscapes.
 <b>Center</b>	Concentrates on the light at the center of the screen. Applicable when shooting portraits.
 <b>Spot</b>	Concentrates on the light in a small area of the screen, such as the subject's eyes.


- Adjust the ISO sensitivity: Touch **ISO** and drag the slider. In low-light conditions, increase the ISO sensitivity. In well-lit environments, decrease the ISO sensitivity to avoid image noise.
- Adjust the shutter speed: Touch **S** and drag the slider. The shutter speed affects the amount of light allowed to enter the camera lens. When you are shooting stationary scenes or portraits, decrease the shutter speed. When you are shooting moving scenes or objects, increase the shutter speed.
- Adjust EV exposure compensation: Touch **EV** and drag the slider. Increase the EV value in low-light conditions and decrease the EV value in well-lit environments.
- Adjust the focus: Touch **AF** and select a focus mode.

Focus Mode	Description
<b>AF-S (single)</b>	Applicable to stationary subjects
<b>AF-C (continuous)</b>	Applicable to moving subjects
<b>MF (manual)</b>	Touch the subject on which you want to focus, such as the subject's face.

- Adjust the color cast: Touch **WB** and select a mode.

When shooting in bright sunlight, select . In dimly-lit environments, select .

Touch  to adjust the color temperature.

**2** Touch  to start recording.

- Not all devices support these features.
- Changing a specific setting will sometimes cause other settings to change as well. Adjust them according to your actual requirements.





## Record Videos

### Capture Video


1 Open **Camera** and select **Video** mode.

2 Adjust the following settings:

- Zoom in or out: Pinch in or out on the viewfinder, or drag the zoom slider.
- Focus: Touch the location you want to focus on. Touch and hold the viewfinder to lock the exposure and focus.

- Turn the flash on or off: Touch  and select  (steady on) or  (off).  
When using the front camera to record videos in low-light conditions, you can set the flash to  (steady on). The camera will provide light compensation.

- Adjust beauty effects: Touch  and drag to adjust the effects.

- Adjust the video resolution and frame rate: Go to  > **Video resolution** and select the desired resolution. A higher resolution will result in a higher quality video with a larger file size.



You can touch **Frame rate** to select your desired frame rate.


- Select a space-saving video format: Touch  and toggle on the **Efficient video format** switch.

When this feature is enabled, your phone will use a video format that takes up less storage space. However, videos in this format may not play on other devices. Please exercise caution when selecting this option.

- Not all devices support these features.
- Changing a specific setting will sometimes cause other settings to change as well. Adjust them according to your actual requirements.

3 Touch  to shoot.









When recording videos with the rear camera, you can touch and hold  or  to zoom in or out.

Touch  to take a shot of the current frame.

4 Touch  to pause and touch  to stop shooting.




## Use AI Movie Effects to Record Videos

Use AI movie effects to add an artistic element to your videos without the need for post-processing.

- 1 Open **Camera** and select **Video** mode.
- 2 Switch to the rear camera, touch  or , and follow the onscreen instructions to select **AI color**, **Background blur**, or other movie effects (depending on your device model).
- 3 Go to  > **Video resolution** and select the 21:9 aspect ratio (which most movies are shot in).
  -  • Some products do not support the 21:9 aspect ratio.
  - If your phone supports the  feature, disable it first.
- 4 Touch  to shoot.
  - Touch  to take photos with movie effects while recording.
- 5 Touch  to end shooting.

## Shoot 4K UHD Videos


Your phone supports 4K Ultra HD (UHD) video recording, allowing you to record in even greater clarity.

- 1 Open **Camera** and select **Video** mode.
- 2 Go to  > **Video resolution** and select the 4K resolution. Beauty mode, filters, and special effects are not supported at 4K, and will be automatically disabled when you select the 4K resolution.
- 3 Return to the **Video** screen and touch  to start recording.
  -  A higher resolution will result in a higher quality video, but will also take up more storage space.

## Slow-Mo Recording

### Shoot Slow-Mo Videos



Use Slow-mo mode to capture fleeting moments in detail. Adjust the slow motion speed based on how slow you want your footage to appear. With a higher speed you'll get slower playback.

-  The available slow motion speeds vary by device.
- 256x: suitable for recording shooting, explosion, or other extreme fast-paced action scenes.

- 128x or 64x: suitable for recording balls being hit and racing.
- 32x or 16x: suitable for recording bubbles popping and water splashing.
- 8x or 4x: suitable for recording breakdowns of fast movements, such as diving into water and a football being kicked. You can customize the overall shooting length and the length of the slow-mo portion.





For best results, shoot the slow-mo videos in bright and natural lighting.



### Shoot Slow-Mo Videos

- 1 Go to **Camera** > **More** and select **Slow-mo** mode.
- 2 Touch  and select a slow motion speed.
- 3 Frame your subject within the viewfinder, then touch  to start recording.

### Automatically Capture Slow-Mo





Some high-speed slow-mo modes support motion detection. Your camera will automatically track and take snapshots of moving objects in the frame when you touch the shutter button.

- 1 In **Slow-mo**, touch  and select a speed.
- 2 If the speed you select supports motion detection,  will appear on the screen. Touch  to ensure that motion detection is enabled. A detection frame will then be displayed in the viewfinder. Move the frame to the desired position.
- 3 Frame the object in the viewfinder and ensure that it is also in the detection frame. Touch  to start shooting. The camera will track the object in the frame and automatically take snapshots when it is moving.

To record a video manually, touch  to disable motion detection, then touch  to start recording.

### Shoot Slow-Mo Videos with the Front Camera



You can use the front camera to take slow-mo selfie videos such as of your hair blowing in the wind.

- 1 Go to **Camera** > **More**, select **Slow-mo** mode, then touch  to switch to the front camera.
- 2 If your phone allows, touch  and select a slow motion speed.
- 3 Touch  to start recording.
- 4 Touch  to end the recording.

## Time-Lapse Photography

### Use Time-Lapse to Create a Short Video

You can use Time-lapse to capture images slowly over several minutes or even hours, then condense them into a short video. This allows you to capture the beauty of change – blooming flowers, drifting clouds, and more.

- 1 Go to **Camera > More** and select **Time-lapse** mode.
- 2 Place your phone in position. To reduce camera shake, use a tripod to steady your phone.
- 3 Touch  to start recording, then touch  to end the recording.


The recorded video is automatically saved to Gallery.




## Dual-View Mode

### Record Dual-View Videos


In Dual-view mode, you can capture two different perspectives at once by independently filming on two cameras – using both the front and rear cameras or just the rear camera setup – instead of one. When using the front and rear cameras, the dual view shows what's captured by the front camera and rear camera side by side. When using just the rear camera setup, the dual view shows a panorama and a close-up of the center of what is being filmed.

 Please make sure your device has been updated to the latest system version.

- 1 Go to **Camera > More** and select **Dual-view**.
- 2 Frame your subject in the viewfinder.
  - To capture images from both the front and rear cameras, touch  to have the dual view show what's captured by the front camera and rear camera. You can pinch in or out on the viewfinder to adjust the zoom level of the view from the rear camera. Touch the screen twice to swap the positions of the dual view images.
 

Touch  to enable Picture in Picture mode. You can then tap the small window twice to swap the positions of the images, or drag the window to any other position. Touch  to return to split-screen mode.
  - To use just the rear camera setup for dual-view recording, touch  to switch to the rear camera. A panoramic view and a close-up of the center of the panorama will be displayed in split-screen mode in the viewfinder.








You can adjust the zoom level of the close-up view by pinching in or out on the viewfinder. Touch the screen twice to swap the positions of the panorama and close-up views.

- 3 Touch  to start recording and  to stop recording.

## Story Creator

### Tell Your Story in Story Creator Mode


In **Story creator** mode, you can choose a template and follow the instructions to create an engaging story with the camera and without having to focus or zoom manually.

- 1 Go to **Camera** > **More**, and select **Story creator** mode.
- 2 Touch a template to preview what it looks like. Touch  to start.
- 3 Your phone will instruct you to take several shots. Before shooting, the viewfinder will show the preview of each shot. Touch  to close the preview.  
Touch  to start recording. Your phone will take care of the focusing, rotating, and zooming in the viewfinder. When the preset time has elapsed, your phone will stop recording. You can touch  and record the next shot until all shots are recorded.
- 4 To shoot a different scene, exit the camera. Your phone will automatically save your shots. When you enter **Story creator** mode again, you can continue with the saved shots (only the shots recorded from the last time are saved).
- 5 When you are finished, your phone will automatically splice the shots and create a video clip with music. If you are unsatisfied with any of the shots, touch the preview frame of the shot, then touch  and follow the onscreen instructions to retake the shot.  
If you are unsatisfied with all shots, touch  to remove them all and shoot again.
- 6 When you are finished, touch  to export the video to the **Videos** album.

## Adjust Camera Settings

### Adjust Camera Settings

You can adjust the camera settings to take photos and videos more quickly.


-  The following features may not be available in some camera modes.

#### Adjust the Aspect Ratio

Go to **Camera** >  > **Aspect ratio** and select an aspect ratio.


-  This feature is not available in some modes.

## Enable Location Tags

To enable **Location tag**, enable Location Services for your phone first, then go to **Camera** > . Your photos and videos will then be tagged with location information.

You can touch and swipe up on a photo or video in Gallery to view its shooting location.

To enable Location Services on your phone:

- Swipe down from the upper right edge of the phone to display **Control Panel**, touch  to expand the shortcut switches panel, and enable **Location**.
- Go to **Settings** > **Location** and enable **Access my location**.

## Add Device Watermarks

Enable **Add watermark**. Photos and videos shot with the rear camera will have a device watermark added.

 Adding a device watermark to videos is not supported on certain phones.

## Use the Assistive Grid to Compose Your Photos

Use the assistive grid to help you line up the perfect shot.

- 1 Enable **Assistive grid**. Grid lines will then appear in the viewfinder.
- 2 Place the subject of your photo at one of the intersecting points, then touch the shutter button.

## Use Mirror Reflection


When using the front camera, touch , then enable or disable **Mirror reflection**.

When **Mirror reflection** is enabled, the image will appear as you see yourself in the viewfinder, instead of flipped.

When **Mirror reflection** is disabled, the image will be flipped, so it's the opposite of what you see in the viewfinder.

## Mute the Shutter Sound

Enable **Mute** to mute the camera shutter sound.

 This feature is only available in some countries and regions.

## Capture Smiles

Enable **Capture smiles**. The camera will take a photo automatically when it detects a smile in the viewfinder.

## Use the Horizontal Level for Better Compositions


Enable **Horizontal level** to display a horizontal guiding line on the viewfinder.




When the dotted line overlaps with the solid line, it indicates that the camera is parallel with the horizontal level.


## Customize Camera Mode Layout

You can customize the layout of the Camera mode screen based on your preferences by moving the frequently used modes to the camera home screen, or change the order of modes.

 **Photo, Portrait, and Video** modes cannot be moved to **More**.

- 1 Go to **Camera > More**, and touch  to enter the mode editing screen.
- 2 Touch and hold a mode and drag it to the desired position. You can move a mode on the **More** screen to the camera home screen, move the mode on the camera home screen to **More**, or adjust the layout of the mode screen based on how often you use certain modes.

Modes with a  icon can be deleted by simply touching this icon.

- 3 Touch  to save the layout.

To restore a deleted mode, go to **Camera > More**, touch , and then touch **ADD**.

## Manage Gallery


### View Images or Videos on Other Devices from Your Phone

With Multi-device browsing, you can browse and search for photos and videos saved on a connected phone or tablet.


 . This feature is only available in some countries and regions.

- Before using this feature, ensure that your devices have sufficient power and that the device being connected is near the phone.

- 1 Enable the following functions on this device and the connected device:  
Go to **Settings > Device+ > More settings > Multi-Device Gallery** and ensure that **Multi-Device Gallery** is enabled.  
If **Multi-Device Gallery** is not displayed in the above path on the phone or tablet, search for and enable **Multi-Device Collaboration** in **Settings**. If neither of the two switches can be found on your device, it indicates that this feature is not supported.
- 2 Enable Wi-Fi and Bluetooth and log in to the same **HUAWEI ID** on your phone and the device you want to connect to.  
After the connection is set up, the **Other devices** tab will be displayed under **Gallery > Albums**.

 If your phone cannot connect to the target device, connect them to the same router or personal hotspot, log in to the same **HUAWEI ID**, and enable Bluetooth on both devices.

**3** Touch the **Other devices** tab to view connected devices. If the device you want to browse from is not connected, touch the device name and initiate a connection as prompted. You can then:

- Browse images or videos: Touch a connected device to view the albums stored on that device.
- Search for images: On the **Albums** tab, enter a keyword (such as "food" or "landscapes") in the search bar. The search results will be displayed by device.
- Save items from other devices to your phone: Touch the target device, touch and hold to select images or videos, then touch .

The saved items will be displayed in **Gallery > Albums > From other devices**.

To disable this feature, disable **Multi-Device Gallery**.

## Make Quick Searches in Gallery

### Quickly Search for Images in Gallery

Quickly locate an image by searching with keywords, such as a date, food, or category, in Gallery.

- 1** Go to **Gallery**, touch the search bar at the top of the screen, then type in a keyword (such as "food" or "scenery") or touch a suggested word to start searching.
- 2** Thumbnails of images related to that keyword will be displayed, and more keywords will be suggested. Touch a suggested keyword or enter more keywords for more precise results.

### Quickly Search for Videos in Gallery

Your phone automatically analyzes and categorizes videos in Gallery when charging and with the screen off. Suggested keywords will be displayed in the search bar for quick results on related topics.


- 1** Go to **Gallery**, touch the search bar at the top of the screen, then type in a keyword (such as "food" or "scenery") or touch a suggested word to start searching.
- 2** Thumbnails of videos related to that keyword will be displayed, and more keywords will be suggested. Touch a suggested keyword or enter more keywords for more precise results.  
Key moments of videos in the search results will automatically be played in sequence for you to see a preview.

 **Screenshots** will not be analyzed.

## Edit Images



Gallery offers a wide range of editing features for images.

### Basic Editing

- 1** Open **Gallery**, touch the image you want to edit, and then touch . You can then:

- Crop and rotate: Touch **Crop**, select a frame, then drag the grid or its corners to select which part you want to keep. You can drag the image in the frame, or use two fingers to zoom in or out to adjust the displayed part of the image.

To rotate the image, touch **Crop** and drag the angle wheel to the desired orientation.



To rotate the image by a certain degree or mirror flip the image, touch  or .



- Add a filter effect: Touch **Filter** to select a filter.
- Adjust image effects: Touch **Adjust** to adjust the brightness, contrast, saturation, and other aspects of the image.
- Other: Touch **More** to edit the image in other ways, such as by adding a color splash, blur, doodle, or text element.

When using the **Adjust** or **Filter** feature, you can touch **Compare** to compare the image before and after editing. Comparison is not supported in some editing modes.




- 2 Touch  or  to save the edits.

### Add Stickers to Images


- 1 In Gallery, touch an image, then go to  > **More** > **Stickers**.
- 2 Select a sticker and drag it anywhere you like. Touch and hold the dot on the corner of the sticker and drag it to resize the sticker. Touch  to delete the sticker. You can also edit the text in some types of stickers. Touch the editable area which is typically encircled with dash lines to enter the new text.

- 3 Touch  to save your edits and touch  to save the image.


### Pixelate Images

- 1 In Gallery, touch an image, then go to  > **More** > **Mosaic**.
- 2 Select a mosaic style and size to cover parts of the image.
- 3 To remove the mosaic, touch **Eraser** and wipe it off the image.
- 4 Touch  to save your edits and touch  to save the image.


### Rename Images



- 1 In Gallery, touch the image thumbnail you want to rename.
- 2 Go to  > **Rename** and enter a new name.
- 3 Touch **OK**.

### Remove Unwanted Objects from Images

- 1 In Gallery, touch the image you want to edit, then go to  > **More** > **Remove**.

**2** Choose the size of the eraser that best meets your needs and swipe on the part of the image you want to remove.  
It is recommended that you use a smaller eraser to remove finer details (such as power cables).


**3** To undo the changes you have made, touch  in the upper right corner.

**4** Touch  to save the changes and touch  to save the edited image.



## Collage


You can use the collage feature in Gallery to quickly combine multiple images into one for easier sharing.

**1** You can access the collage feature in the following ways :

- On the **Discover** tab, touch **Create collage**, select some images, then touch **Create**.
- On the **Photos** or **Albums** tab, touch and hold to select some images, then go to  **> Collage**.



**2** Select a template. You can then:

- Relocate an image: Touch and hold the image and drag it to a different position.
- Adjust the displayed portion of an image: Slide on the image, or pinch in or out on it so that only the part you want to see is displayed in the grid.
- Rotate an image: Touch the image, then touch  to rotate it or  to flip it.
- Add or remove borders: By default, borders are displayed between images and along the grid edges. To remove them, touch **Frame**.

**3** Touch  to save the collage.  
To view the saved collage, go to **Albums > Collages**.

## Share Images and Videos


Open **Gallery** and share an image or video in the following ways:

- Share a single image or video: Touch the image or video, then touch .
- Share multiple images or videos: In an album or on the **Photos** tab, touch and hold to select multiple images and videos, then touch .

## Share Your Photos Securely

Before sending a photo, you can choose to delete sensitive information like the location, time, and camera specs.

**1** Open **Gallery**.

**2** Select one or more photos and touch .

**3** Touch the privacy switch in the upper left corner of the screen. In the displayed **Privacy options** dialog box, turn on the **Remove photo info** and **Remove location info** switches, then touch **OK**.


**i** If **Location tag** was disabled when a photo was taken, the **Remove location info** switch will not be displayed in the **Privacy options** dialog box when you share the photo.

## Organize Albums

Organize images and videos into albums to easily sift through them.

### Add Albums


**1** Go to **Gallery > Albums**.

**2** Touch , name the album, then touch **OK**.

**3** Select the images or videos you want to add, and then move or copy them to the album.

### Sort Albums

**1** Go to **Gallery > Albums > ** and touch **Sort albums**.

**2** Hold and drag  next to the albums to adjust the order.


Touch **Reset** or go to  > **Reset** to restore the default order.

### Adjust the Album Display Style

Go to **Gallery > Albums > **, touch **Switch view**, and select an album display style.

### Change Album Covers

**1** Go to **Gallery > Albums** and touch the album you want to set.

**2** Go to  > **Change album cover** and select the image you want to set as the album cover.

### Move Images and Videos

**1** Open an album, then touch and hold to select the images and videos you want to move.

**2** Touch  > **Move to album** to select the desired album.

**3** Once the items are moved, they will no longer be in their original album.

**i** The **All photos** and **Videos** albums show all images and videos stored on your device. Moving items across albums will not remove them from these albums.

### Delete Images and Videos

Touch and hold to select images, videos, or albums and go to **Delete > Delete**.


- i** Some preset albums cannot be deleted, including **All photos**, **My favorites**, **Videos**, and **Camera**.

Deleted images and videos will be temporarily moved to the **Recently deleted** album for a period of time, after which they will be permanently deleted.

To permanently delete images and videos before the retention period expires, touch and hold to select images or videos in the **Recently deleted** album and go to **Delete > Delete**.

### Recover Deleted Images and Videos

In the **Recently deleted** album, touch and hold to select the items you want to recover, then

touch  to restore them to their original albums.

If the original album has been deleted, a new one will be created.

### Add Images and Videos to Favorites



Open an image or video, then touch .

The item will appear in both its original album and the **My favorites** album.

### Block Albums

Block third-party app albums to prevent them from being displayed in Gallery.

**1** In the **Others** list, touch the album you want to block.

**2** Go to   **> Block this album?**  
Blocked albums can only be viewed in **Files**.







**3** To unblock an album, open the **Others** list, touch **View blocked albums**, then touch **Unblock** next to the album.

- i** Only some albums in **Others** can be blocked.

### Hide Images and Videos

Keep images and videos in Gallery under wraps and out of view.


Go to **Gallery > Albums**. From there, you can:



- **Hide images and videos:** Tap to open an album, touch and hold down to select the images and videos you wish to hide, and then go to   **> Hide > OK**.
- **View hidden images and videos:** In the **Albums** tab, go to   **> Hidden items**.  
You can touch   in the **Hidden items** screen to switch to album view, to quickly locate the desired items.
- **Unhide items:** In **Hidden items**, touch and hold down to select the images or videos you wish to unhide, then touch **Unhide**.  
These images and videos will then be restored to their original albums.

## Golden Snap

### Spruce Up Images with Golden Snap



#### Enhance Your Images with Functions Such As Brighten and De-mist

- 1 Open **Gallery**, touch the image that you want to edit, then touch .
- 2 Touch **Smart** to access the smart editing screen. You can then:
  - Perform one-touch automatic optimization: Touch **Auto** for your phone to intelligently optimize the image.
  - Brighten the image: Touch **Brighten** to brighten the image.
  - Remove blurriness: Touch **De-mist** for your phone to automatically detect and remove blurriness from the image.
  - Straighten the image: Touch **Straighten** for your phone to automatically check whether the image is tilted (for example, whether the background horizon line is tilted) and straighten it.

 If you want to apply more than one of the aforementioned features to the image, save the image each time you apply a feature.
- 3 After you have finished editing the image, touch  to save the image to the same album as the original image.



#### Retouch Images of Documents


If there are shadows in an image of a document, you can use the **Retouch document** function in Gallery to remove them.

- 1 Open **Gallery**, touch an image of a document, then touch .
- 2 Go to **Smart** > **Retouch document**. Your phone will then remove the shadows.
- 3 Touch  and follow the onscreen instructions to save the image to the same album as the original image.

#### Adjust document

If an image of a document is skewed, you can use the **Adjust document** function in Gallery to straighten the image.


- 1 Open **Gallery**, touch an image of a document, then touch .
- 2 Go to **Smart** > **Adjust document** and drag the four corners to select the area to be straightened.
- 3 Touch . Your phone will then straighten the selected area.

- 4 Touch  and follow the onscreen instructions to save the image to the same album as the original image.

## Highlights


### Introduction to Highlights

Gallery automatically creates **Highlights** albums from your best photos and videos based on time, location, and theme information, and even generates a short video clip so you can walk down memory lane and instantly relive the good times.



- To start using **Highlights**, go to **Camera** >  and enable **Location tag**.
- **Highlights** albums are created automatically when your phone is charging and connected to a Wi-Fi network, the screen is turned off, and the battery has sufficient power. It may take a while for the albums to be created.

**Highlights** albums will not be automatically generated if there are not enough relevant photos.

### View Highlights Videos

- 1 Go to **Gallery** > **Highlights** and touch an album.
- 2 Touch  to play the video.


### Change the Highlights Album Cover

- 1 On the **Highlights** tab, touch an album.
- 2 Go to  > **Change cover**, select a photo, then touch .


### Share Highlights

You can share **Highlights** as videos or images with friends.

#### Share Highlights videos as videos

- 1 If you have edited and exported a **Highlights** video, the exported video can be found in **Gallery** > **Albums** > **Video Editor**.
- 2 You can touch and hold to select the video in **Video Editor** and touch  to share it.

#### Share Highlights videos as images

Touch the **Highlights** video you want to share, then go to  > **Share**. Your phone will automatically generate an image for the video and you can follow the onscreen instructions to share it with others.



You can also share the photo under **Gallery** > **Albums** > **Collages**, where the images created for **Highlights** videos are saved by default.



## Add or Remove Images or Videos from a Highlights Album


**1** In the **Highlights** tab, select a **Highlights** album.

**2** You can then:

- Add images or videos: Touch  and follow the onscreen instructions to select images or videos to be added to the album.
- Remove images or videos: Touch and hold to select the images or videos you want to remove from the album, touch , then touch **Remove**.

## Rename Highlights Albums


**1** On the **Highlights** tab, touch an album.

**2** Go to  > **Rename** and enter a new name.

## Delete Highlights Albums

**1** On the **Highlights** tab, select a **Highlights** album.

**2** Go to  > **Delete** and then touch **Delete**.

-  After you delete a **Highlights** album, it cannot be restored, and the photos and videos in the **Highlights** album will remain in Gallery.


# Apps

## MeeTime

### Use MeeTime to Make Calls

Use MeeTime to make high-quality video or voice calls with contacts who have Huawei devices (such as phones and tablets), and share your screen during calls.

Thanks to the GPU Turbo technology, the video call resolution will be optimized automatically when the network signal is weak. With intelligent algorithms, the other party can see your face clearly even when making a video call at night or in dark environments.





-  Please make sure your device has been updated to the latest system version.
- This feature is only available in some countries and regions.
- If your phone is not pre-installed with the **MeeTime** app, download it from **AppGallery**.


### Charges for MeeTime





- MeeTime only uses Wi-Fi or mobile data and will not be charged as calls by your carrier. It is recommended that you use this feature over a Wi-Fi network.
- If you need to make a video call using mobile data, you can perform the following to save on the amount of mobile data you use: On the **MeeTime** screen, touch your profile picture in the upper right corner to access the **Settings** screen, then turn on the **Data saver** switch.


### Make a High-quality Video or Voice Call

Use MeeTime to make smooth and high-quality calls between Huawei devices such as phones and tablets. You can enjoy clear video calls even in dark environments and adjust the beauty level during video calls.

- 1 Open **MeeTime** and follow the onscreen instructions to activate and enable it.
- 2 In the **MeeTime** app, go to **Contacts > MeeTime**, and touch  or  next to a contact who has enabled **MeeTime** on their devices to make a high-quality video or voice call.
- 3 During a video call, touch the screen and then touch  to access the **Soften** function. Drag the slider left or right to adjust the beauty level.
  -  For better video calls, keep your phone within 1 meter (3.3 feet) of you and ensure that you are in a bright environment.
  - The beauty level adjustment feature is only supported by some products.

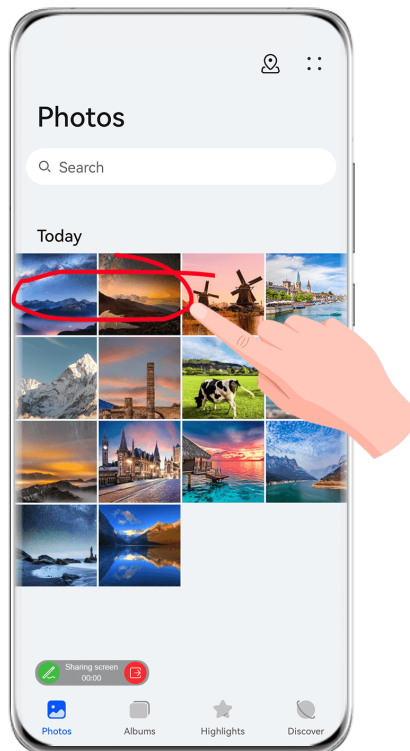
- 4 You can touch  and then perform the following:


- Touch  to mute MeeTime.
- Touch  to use the speaker.
- Touch  to switch to a voice call.
- Touch  to share the screen.

 To view or manage your call logs, touch **Calls**.


## Share Your Phone Screen During a MeeTime Call

During a MeeTime video call, you can share your screen with the other party and doodle on the screen. The other party will then be able to view your screen and your doodles on it.



**1** During a video call, touch the screen, go to , and follow the onscreen instructions to share your screen.

While sharing your screen, touch  to start doodling on your screen.



**2** Touch  to exit screen sharing.

## Set MeeTime Phone Numbers

You can use MeeTime with more than one of your phone numbers.

**1** On the **MeeTime** screen, touch your profile picture icon in the upper right corner to access the **Settings** screen.

**2** Touch **Number settings**. You can then:






- Touch  to add another phone number if only one phone number has been linked.
- Touch  to delete any numbers or add new ones if multiple phone numbers have been linked.
- In the list of **Outgoing number (this device)**, select one of the added phone numbers to set it as the default number.

## Notepad





### Create a Note


To help you quickly keep a track of your thoughts and inspirations, you can create notes using the Handwrite (to write or draw the content) and Scan document modes, or in conjunction with Multi-Screen Collaboration.

### Add Content to a Note

- 1 Go to **Notepad > Notes** and touch .
- 2 Enter the title and content of the note. You can then perform the following:
  - Touch  to add a checklist.
  - Touch  to change the text style, paragraph alignment, and background.
  - Touch  to insert a picture. Touch and hold the picture, then drag it to the desired position in the note.
  - To organize your notes for easier access and viewing, categorize a note after finishing it.
- 3 Touch  to save the note.








### Add a Note by Scanning Documents

- 1 Open **Notepad** and go to **Notes >  >  > Scan document**.
- 2 Align your device camera with the picture or file you want to scan and touch  to start scanning. The scanned pages are saved in Notepad.
- 3 Go to **Extract text > Save > Save images and text > ** to save the note.

 If your phone does not have this option, it indicates that this feature is not supported.




### Create Notes by Scanning Certificates or Cards

You can scan certificates or bank cards for future use and add watermarks to prevent theft.

- 1 Open **Notepad** and go to **Notes** >  >  > **Add card**.
- 2 Point the camera to the certificate or bank card you want to scan, and touch  to scan it one by one or consecutively. Touch  to preview the scanned copies.
- 3 (Optional) If you manually unskew the scanned copies, touch  to preview them again.
- 4 To add a watermark to the scanned copies, touch **Full-screen watermark** or **Single watermark**.
- 5 Touch  to insert the modified scanned copy into the note.
- 6 Touch  to save the note.

### Add a Handwritten Note

You can add a handwritten note to write down thoughts and inspirations that would be difficult to convey through text.

- 1 Go to **Notepad** > **Notes** and touch .
- 2 Touch  to write or draw the content you want to note down in the selected color.
- 3 Touch  to save the note.

### Create Notes by Sharing

You can share web pages, images, text, and other content from other apps to Notepad.

 Not all apps support this feature.

- 1 Open the content you want to share (such as a web page, image, or text) in an app that supports the sharing feature.
- 2 Touch the Share button and select **Notepad**.
- 3 Follow the onscreen instructions to save the shared content to an existing note or create a new note.


### Create To-dos



You can create to-dos to keep a track of day-to-day essentials, such as daily shopping lists, tasks at work, and household chores.

#### Add a To-do Item and Set a Reminder

You can add a to-do item and set a time reminder for it.

If you have marked the to-do item as important, you will be prompted with a full-screen reminder when the screen is locked.

- 1 Go to **Notepad** > **To-dos** and touch .

- 2 Enter your to-do item.
- 3 Touch , set a reminder time, then touch **OK**.
- 4 Touch  to mark the to-do item as important.
- 5 Then touch **Save**.

### Set Repeated Reminders for a To-do Item

If you specify a time for a to-do item, you can select a repeat mode for it (for example, **Never**, **Every day**, **Every week**, **Every month**, or **Every year**), and your phone will repeatedly prompt you to complete the to-do item at the specified time.

### Manage Your Notepad



You can sort your Notepad items by category and put them into different folders, delete unwanted items, and share items with other people.

When viewing a list of items or an individual item in Notepad, touch the status bar at the top of the screen to quickly return to the first item or the beginning of the item you are viewing.

### Use App Lock for Notepad or Lock a Note

You can apply App Lock to Notepad or set a password for a note to protect your privacy.

**Enable the app lock for Notepad:** Go to **Settings** > **Security** > **App Lock**, enter the lock screen password or customize the app lock password as prompted, and then turn on the switch next to Notepad.

**Lock a note:** Open the note you need to lock in Notepad, go to  > **Add lock**, and follow the onscreen instructions. To unlock your note, go to  > **Remove lock**.




If your device supports fingerprint or face unlock, you can use fast authentication by


performing the following: Go to **Notepad** >  > **Settings** > **Note lock**, then enable **Unlock with Fingerprint ID** and **Unlock with Face Recognition**.


### Sort Notepad Items by Category

You can sort the Notepad items into different folders by category and add labels in different colors.

Sort Notepad items using the following methods:

- On the **All notes** screen, swipe left on a note, select  or  to move this note to the top, or add a star icon to it.
- On the **All notes** or **All to-dos** screen, swipe left on an item, touch , and select a category for it.

- Touch and hold a note or to-do item, select the ones you want to classify under the same category, then touch  to move them to the target category.

 Items in an Exchange account cannot be moved.


## Sync Notepad Items

**Sync Exchange email data:** You can sync the data in your Exchange account to Notepad to record important events anytime and anywhere.



- 1 Log in to Exchange on your phone.
- 2 Swipe down from the Exchange mail list to sync the notes and tasks from your Exchange account to Notepad. The corresponding notes and to-do items will then be generated automatically.  
A folder named after the Exchange account will also be automatically generated for easy management.

## Share Notepad Items


You can share Notepad items in the following ways:

- To share a single note or to-do item, open the one you want to share from the **All notes** or **All to-dos** screen, then touch  and share it as prompted.

Notes can be shared by touching **As image**, **As text**, **Export as document**, or **To another device**.



-  Handwritten notes do not support **Export as document**, and other types of notes can be exported into TXT or HTML files when using **Export as document**. You can view saved notes as follows: Open **Files**, search for and touch **Documents**, then touch **Notepad**.
- To share multiple notes, access the **All notes** screen, touch and hold a note, select the ones you want to share, then touch  and share them as prompted.


## Print Notepad Items

- 1 On the **All notes** screen, open the item you want to print.
- 2 Go to  > **Print**, then select a printer and configure printing settings as prompted.

## Delete Notepad Items

You can delete Notepad items using either of the following methods:

- On the **All notes** or **All to-dos** screen, swipe left on an item, and touch  to delete it.
- Touch and hold a note or to-do item you want to delete, select or drag over the check boxes of any other notes or to-do items you want to delete as well, then touch .

To restore a deleted Notepad item, touch **All notes** or **All to-dos**, select the item you want to restore in **Recently deleted**, then touch .

## Compass

### Compass

#### View Directions and Coordinates Using Compass

Compass shows you the direction your phone is pointing, as well as your current longitude and latitude.

**1** You can open Compass in the following ways:

- Swipe down from the middle of the home screen to display the search box and search for **Compass**. The first result will be the preinstalled **Compass** app.
- Find **Compass** in the **Tools** folder.

**2** You can view directions and coordinates in the following ways:

- If you hold your phone flat, the Compass screen will display a dial together with the direction your phone is pointing and your current coordinates.
- If you hold your phone upright, the Compass screen will display the viewfinder of the rear camera on your phone, together with the direction your phone is pointing and your current coordinates.

To lock your current direction, touch the compass dial. The dial marks will turn blue if you go off course.

For more accurate bearings, hold your phone flat or upright when using Compass.




# Settings


## Display & Brightness

### Use Eye Comfort Mode

Eye comfort mode can effectively reduce harmful blue light and adjust the screen to display warmer colors, relieving eye fatigue and protecting your eyesight.

### Enable or Disable Eye Comfort Mode

- Swipe down from the upper right edge of the screen to display **Control Panel** and touch  to expand the shortcut switches panel. Enable or disable **Eye Comfort**. Touch and hold **Eye Comfort** to access the settings screen.
- Go to **Settings > Display & brightness > Eye Comfort** and enable or disable **Enable all day**.

Once Eye Comfort mode is enabled,  will be displayed in the status bar, and the screen will take on a yellow tint since less blue light is being emitted.

### Set a Schedule for Eye Comfort Mode

Go to **Settings > Display & brightness > Eye Comfort**, enable **Scheduled**, then set **Start** and **End** according to your preferences.

### Adjust the Blue Light Filter in Eye Comfort Mode

Go to **Settings > Display & brightness > Eye Comfort**, enable **Enable all day** or set up **Scheduled**, and adjust the slider under **Filter level** to customize how much blue light you would like to be filtered.

## Biometrics & Password

### Set Fingerprints

You can enroll a fingerprint and then use it to unlock the screen and access your Safe, App Lock, and more.

### Add Fingerprints

- 1 Go to **Settings > Biometrics & password > Fingerprint ID** and follow the onscreen instructions to set or enter the lock screen password.
- 2 Touch **New fingerprint** or **New rear fingerprint** (depending on your device model) to begin enrolling your fingerprint.

- 3 Place your fingertip on the fingerprint sensor. When you feel a vibration, lift your finger and then press down again. Move your finger around until the entire fingerprint is captured.
- 4 Once enrollment is complete, touch **OK**.

You can now place your finger on the fingerprint sensor to unlock the screen.

### **Rename or Delete a Fingerprint**

- 1 Go to **Settings > Biometrics & password > Fingerprint ID** and enter your lock screen password.
- 2 In the **Fingerprint list** section, touch an enrolled fingerprint to rename or delete it.

### **Fingerprint Identification**

Fingerprint identification allows you to match your fingers with the enrolled fingerprints.

- 1 Go to **Settings > Biometrics & password > Fingerprint ID** and enter the lock screen password.
- 2 In the **Fingerprint list** section, touch **Identify fingerprint**.
- 3 Touch the fingerprint sensor with your finger. The recognized fingerprint will be highlighted.

### **Use Your Fingerprint to Access Your Safe**

- 1 Go to **Settings > Biometrics & password > Fingerprint ID** and enter your lock screen password.
- 2 Turn on the switch for **Access Safe** and follow the onscreen instructions to link your fingerprint with the Safe.

Now you can go to **Files > Me**, touch **Safe**, then use your fingerprint to access it.

 Please make sure your device has been updated to the latest system version.

### **Use Your Fingerprint to Access a Locked App**

- 1 Go to **Settings > Biometrics & password > Fingerprint ID** and enter the lock screen password.
- 2 Turn on the **Access App Lock** switch and follow the onscreen instructions to link your fingerprint with App Lock.

You can then touch a locked app on your home screen and use your fingerprint to access it.

### **Enable and Use Fingerprint Payment**

You can use your fingerprint to verify your payments in a payment app.

Go to the payment app and follow the onscreen instructions to enable this feature.

### **Set a Fingerprint Animation**


If you have added your fingerprint, you can select an animation to be displayed whenever you unlock with your fingerprint.

Go to **Settings > Biometrics & password > Fingerprint ID > Fingerprint animation** and follow the onscreen instructions to complete the settings.

## Face Recognition

Face Recognition allows you to unlock your phone or access locked apps with your facial data.

### Set up Face Recognition

- 1 Go to **Settings > Biometrics & password > Face Recognition** and enter your lock screen password.
- 2 Select **Enable raise to wake**.
  -  The settings items vary by device. If your phone does not provide a specific item, it indicates that the corresponding feature is not supported.
- 3 Touch **Get started** and follow the onscreen instructions to enroll your facial data.


### Set an Alternate Look

You can add an alternate look for more accurate and convenient face recognition.

On the **Face Recognition** screen, touch **Set an alternate look**, and follow the onscreen instructions to enroll the alternate facial data.

### Set Face Unlock

On the **Face Recognition** screen, touch **Unlock device** and select an unlock method.

-  If you have enabled PrivateSpace or added multiple users to your phone, you can use Face unlock only in MainSpace or with the Owner account.

### Access App Lock with Face Recognition

On the **Face Recognition** screen, enable **Access App Lock**, and follow the onscreen instructions to add your facial data to App Lock.

You can then touch a locked app on your home screen and use face recognition to access the app.

### Link Your Face with Password Vault


Access the **Face Recognition** screen and enable **Autofill usernames and passwords**.

When logging in to an app, you can use Face Recognition to automatically fill in the account name and password saved in Password Vault.

### Face Recognition for Security Enhancement

For greater security, enable **Require trusted device** when using Face unlock so your phone will only be unlocked when it recognizes your face and is connected to a trusted device.

This feature is disabled by default. To enable it, go to the **Face Recognition** settings screen, touch **Require trusted device**, enable the **Require trusted device** switch, and follow the onscreen instructions to complete the settings.


-  A trusted device can be any Bluetooth device that can be used for unlocking purposes, such as earphones, a watch, or a band.

### Set Accessibility Mode for Face Recognition

Once Accessibility mode for Face Recognition has been enabled, your face will be identified even with your eyes closed if you are in ScreenReader mode.

To enable **Accessibility mode**, perform the following steps:

- 1** Go to **Settings > Accessibility features > Accessibility > ScreenReader**, and enable **ScreenReader**.
- 2** Access the **Face Recognition** screen and enable **Accessibility mode**.

-  If you have not enrolled a face, **Accessibility mode** will be automatically enabled when you are enrolling the facial data once ScreenReader is turned on.

### Disable or Delete Facial Data

On the **Face Recognition** screen, you can do the following:

- Disable facial data for certain features: Disable **Unlock device**, or **Access App Lock** as required. This will not delete your facial data.
- Delete facial data: Touch **Delete facial data** and follow the onscreen instructions to delete your facial data.

## Security

### Set a SIM PIN Lock

A PIN is the identity code of a SIM card, and can be set as the SIM card lock. After you set it up, you will be required to enter the correct PIN to unlock the SIM card every time you power on your phone or switch to a new phone to prevent unauthorized access.

If you have entered a wrong PIN and exceeded the maximum number of attempts allowed to unlock the PIN, you will need to enter the PIN Unlocking Key (PUK) then reset the PIN. If you exceed the maximum number of attempts allowed to unlock the PUK, your SIM card will be permanently blocked.

The PIN and PUK of your SIM card are provided by your carrier. The number of digits and maximum number of attempts allowed to unlock your PIN and PUK are subject to your carrier.

- 1** Go to **Settings > Security > SIM PIN** to enter the SIM PIN screen.
- 2** Enable **SIM PIN**, enter the PIN, then touch **OK**.  
To change the PIN, touch **Change SIM PIN**, and follow the onscreen instructions.

# About Phone

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