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Only for Approval

User manual
SM-C115M

This device is capable of operating in Wi-Fi mode in the 2.4 and 5 GHz bands. The FCC requires that devices operating within 5.15-5.25 GHz may only be used indoors, not outside, in order to avoid interference with MobileSatellite Services (MSS). Therefore, do not use this device outside as a Wi-Fi hotspot or in Wi-Fi Direct mode outside when using the 5.15-5.25 GHz frequencies.

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Troubleshooting

Read me first

This device provides mobile communication and media services using Samsung's latest standards and technological expertise. This user manual and the information available at www.samsung.com contain details about the device's functions and features.

- Please read this manual before using the device to ensure safe and proper use.
- Descriptions are based on the device's default settings.
- Some content may differ from your device depending on the region, service provider, or device's software.
- Content (high quality content) that requires high CPU and RAM usage will affect the overall performance of the device. Apps related to the content may not work properly depending on the device's specifications and the environment that it is used in.
- Samsung is not liable for performance issues caused by apps supplied by providers other than Samsung.
- Samsung is not liable for performance issues or incompatibilities caused by edited registry settings or modified operating system software. Attempting to customise the operating system may cause the device or apps to work improperly.
- Software, sound sources, wallpapers, images, and other media provided with this device are licensed for limited use. Extracting and using these materials for commercial or other purposes is an infringement of copyright laws. Users are entirely responsible for illegal use of media.
- You may incur additional charges for data services, such as messaging, uploading and downloading, auto-syncing, or using location services. To avoid additional charges, select an appropriate data tariff plan. For details, contact your service provider.
- Default apps that come with the device are subject to updates and may no longer be supported without prior notice. If you have questions about an app provided with the device, contact a Samsung Service Centre. For user-installed apps, contact service providers.
- Modifying the device's operating system or installing softwares from unofficial sources may result in device malfunctions and data corruption or loss. These actions are violations of your Samsung licence agreement and will void your warranty.

Instructional icons

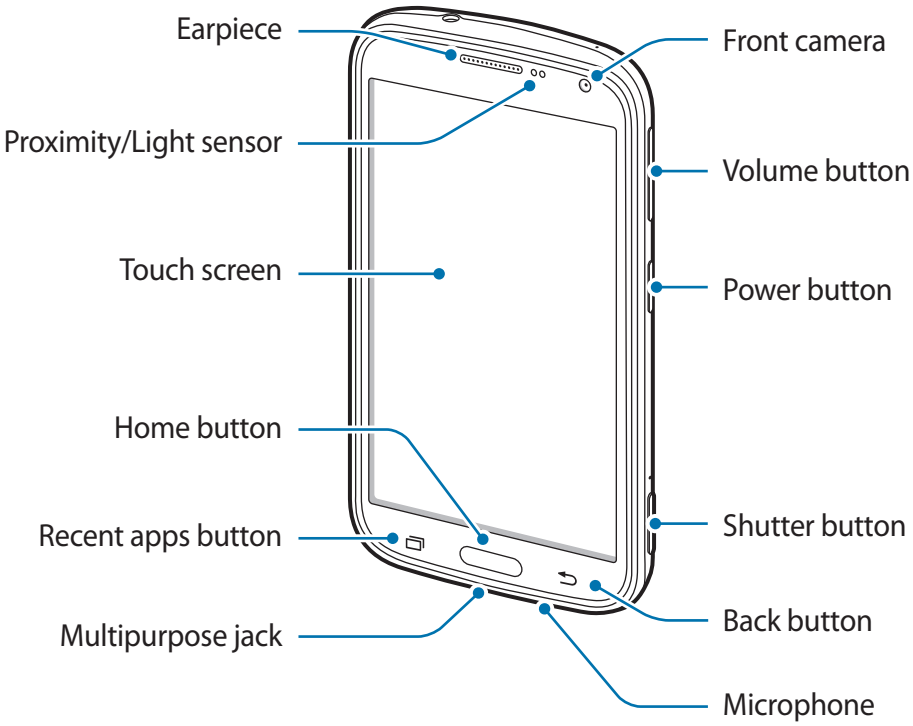
Warning: situations that could cause injury to yourself or others

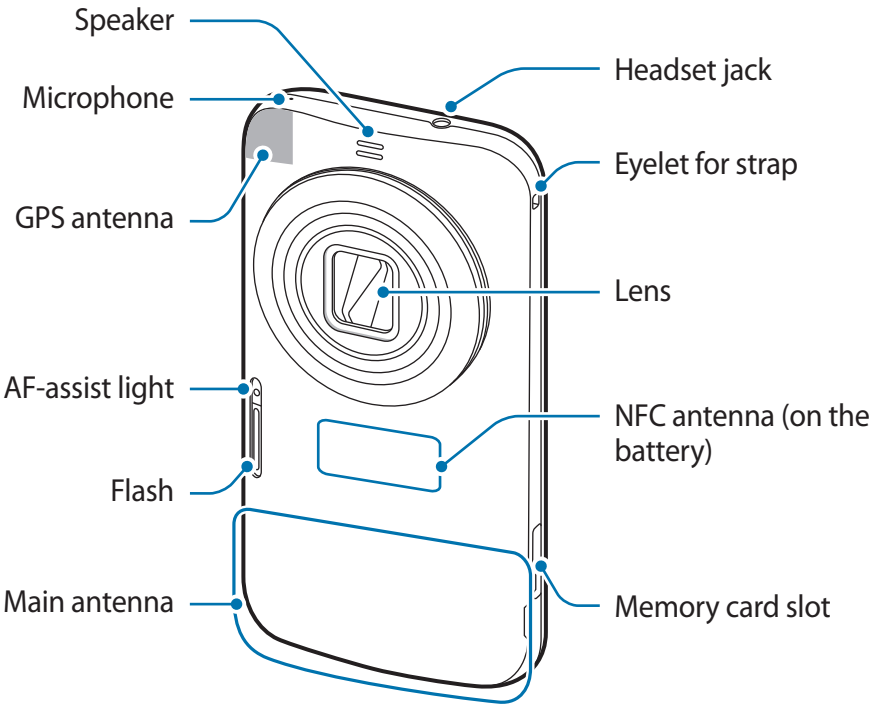
Caution: situations that could cause damage to your device or other equipment

Note: notes, usage tips, or additional information

Getting started

Device layout





The microphone at the top of the device is active only when you use the speakerphone or take videos.

- Do not cover the antenna area with your hands or other objects, except when you are taking photos or videos. This may cause connectivity problems or drain the battery.
- Do not use a screen protector. This causes sensor malfunctions.
- Do not allow water to contact the touch screen. The touch screen may malfunction in humid conditions or when exposed to water.

Do not subject the lens to impacts. Doing so may cause the lens to malfunction.

Buttons

Button	Function
Power	• Press and hold to turn the device on or off. • Press to lock or unlock the device. The device goes into lock mode when the touch screen turns off.
Recent apps	• Tap to open the list of recent apps. • Tap and hold to access additional options for the current screen.
Home	• Press to return to the Home screen. • Press twice to launch **S Voice**. • Press and hold to launch **Google**.
Back	• Tap to return to the previous screen.
Volume	• Press to adjust the device volume.

Package contents

Check the product box for the following items:

- Device
- Battery
- Quick start guide

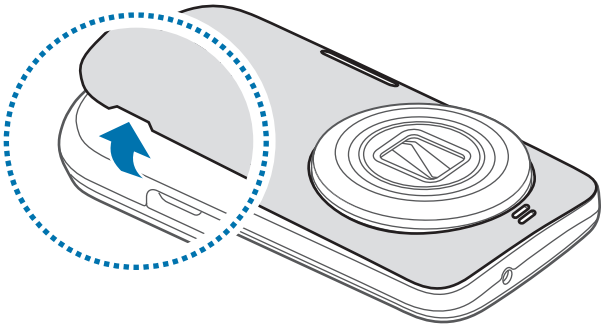
- The items supplied with the device and any available accessories may vary depending on the region or service provider.
- The supplied items are designed only for this device and may not be compatible with other devices.
- Appearances and specifications are subject to change without prior notice.
- You can purchase additional accessories from your local Samsung retailer. Make sure they are compatible with the device before purchase.
- Use only Samsung-approved accessories. Some accessories, such as docking devices, may not have the same water- and dust-resistance certification. Before purchasing accessories, ensure that they are compatible with the device.
- Availability of all accessories is subject to change depending entirely on manufacturing companies. For more information about available accessories, refer to the Samsung website.

Installing the SIM or USIM card and battery

Insert the SIM or USIM card provided by the mobile telephone service provider, and the included battery.

- Only microSIM cards work with the device.
- Some LTE services may not be available depending on the service provider. For details about service availability, contact your service provider.

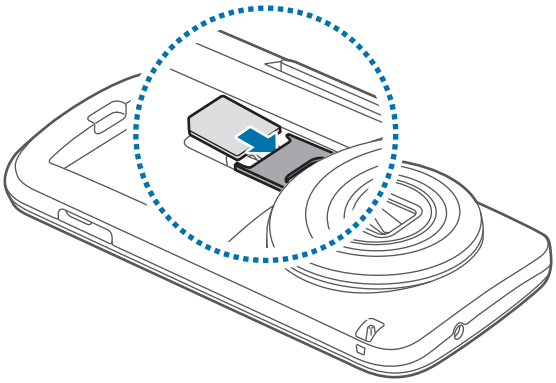
1 Remove the back cover.



Be careful not to damage your fingernails when you remove the back cover.

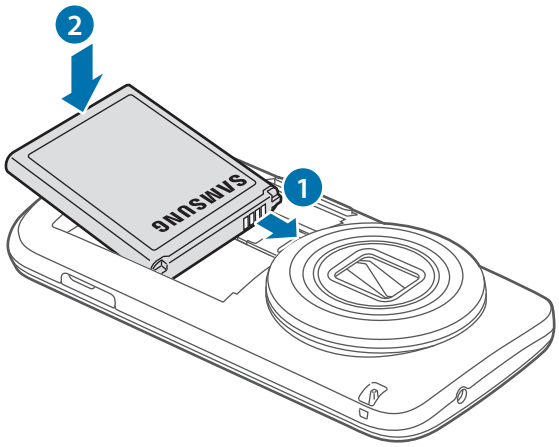
Do not bend or twist the back cover excessively. Doing so may damage the cover.

2 Insert the SIM or USIM card with the gold-coloured contacts facing downwards.

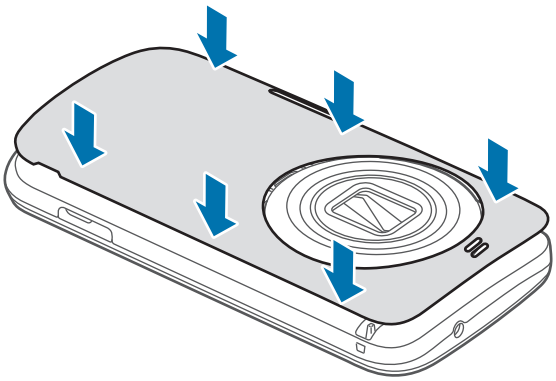


- Do not insert a memory card into the SIM card slot. If a memory card happens to be lodged in the SIM card slot, take the device to a Samsung Service Centre to remove the memory card.
- Use caution not to lose or let others use the SIM or USIM card. Samsung is not responsible for any damages or inconveniences caused by lost or stolen cards.

3 Insert the battery.



4 Replace the back cover.

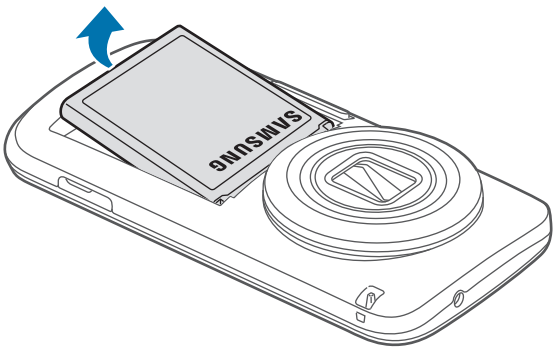


- Ensure that the back cover is closed tightly.
- Use only Samsung-approved back covers and accessories with the device.

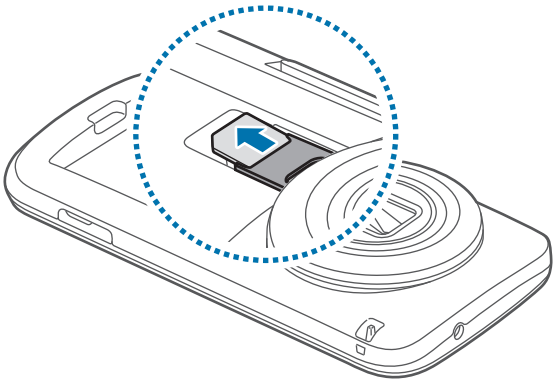
Removing the SIM or USIM card and battery

1 Remove the back cover.

2 Pull out the battery.



3 Pull out the SIM or USIM card.



Charging the battery

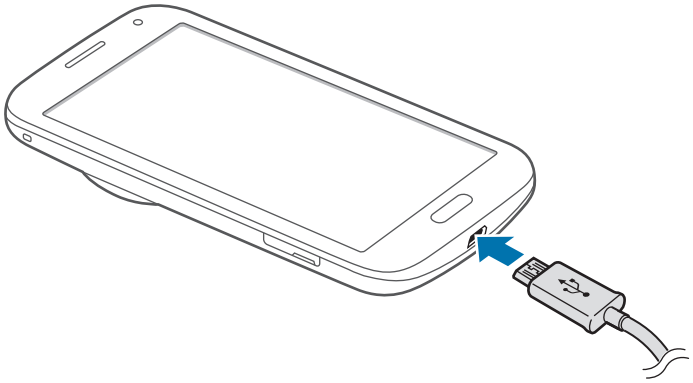
Use the charger to charge the battery before using it for the first time. A computer can be also used to charge the device by connecting them via the USB cable.

Use only Samsung-approved chargers, batteries, and cables. Unapproved chargers or cables can cause the battery to explode or damage the device.

- When the battery power is low, the battery icon appears empty.
- If the battery is completely discharged, the device cannot be turned on immediately when the charger is connected. Allow a depleted battery to charge for a few minutes before turning on the device.
- If you use multiple apps at once, network apps, or apps that need a connection to another device, the battery will drain quickly. To avoid disconnecting from the network or losing power during a data transfer, always use these apps after fully charging the battery.

1 Connect the USB cable to the USB power adaptor.

2 Plug the end of the USB cable into the multipurpose jack.



Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

3 Plug the USB power adaptor into an electric socket.

- The device can be used while it is charging, but it may take longer to fully charge the battery.
- If the device receives an unstable power supply while charging, the touch screen may not function. If this happens, unplug the charger from the device.
- While charging, the device may heat up. This is normal and should not affect the device's lifespan or performance. If the battery gets hotter than usual, the charger may stop charging.
- If the device is not charging properly, take the device and the charger to a Samsung Service Centre.

4 After fully charging, disconnect the device from the charger. First unplug the charger from the device, and then unplug it from the electric socket.

Do not remove the battery before removing the charger. This may damage the device.

To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the electric socket when not in use to avoid wasting power. The charger should remain close to the electric socket and easily accessible while charging.

Reducing the battery consumption

Your device provides options that help you save battery power. By customising these options and deactivating features in the background, you can use the device longer between charges:

- When you are not using the device, switch to sleep mode by pressing the Power button.
- Close unnecessary apps with the task manager.
- Deactivate the Bluetooth feature.
- Deactivate the Wi-Fi feature.
- Deactivate auto-syncing of apps.
- Decrease the backlight time.
- Decrease the brightness of the display.

Inserting a memory card

Your device accepts memory cards with maximum capacities of 64 GB. Depending on the memory card manufacturer and type, some memory cards may not be compatible with your device.

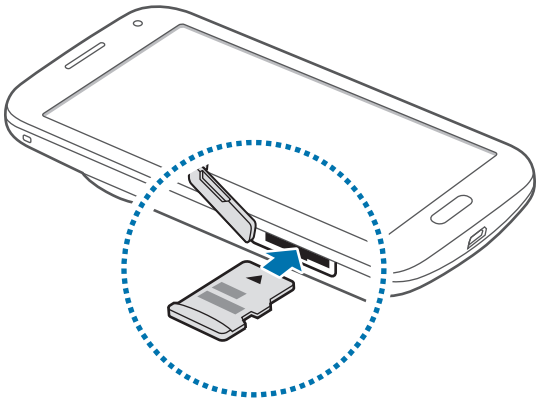
- Some memory cards may not be fully compatible with the device. Using an incompatible card may damage the device or the memory card, or corrupt the data stored in it.
- Use caution to insert the memory card right-side up.

- The device supports the FAT and the exFAT file systems for memory cards. When inserting a card formatted in a different file system, the device asks to reformat the memory card.
- Frequent writing and erasing of data shortens the lifespan of memory cards.
- When inserting a memory card into the device, the memory card's file directory appears in the **My Files** → **SD card** folder.

1 Open the cover of the memory card slot.

2 Insert a memory card with the gold-coloured contacts facing downwards.

3 Push the memory card into the slot until it locks in place.



4 Close the cover of the memory card slot.

Removing the memory card

Before removing the memory card, first unmount it for safe removal. On the Home screen, tap **Apps** → **Settings** → **Storage** → **Unmount SD card**.

1 Open the cover of the memory card slot.

2 Push the memory card until it disengages from the device, and then pull it out.

3 Close the cover of the memory card slot.

Do not remove the memory card while the device is transferring or accessing information. Doing so can cause data to be lost or corrupted or damage to the memory card or device. Samsung is not responsible for losses that result from the misuse of damaged memory cards, including the loss of data.

Formatting the memory card

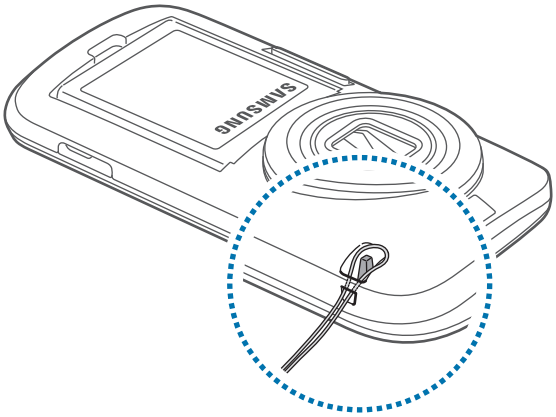
A memory card formatted on a computer may not be compatible with the device. Format the memory card on the device.

On the Home screen, tap **Apps** → **Settings** → **Storage** → **Format SD card** → **Format SD card** → **Erase everything**.

Before formatting the memory card, remember to make backup copies of all important data stored on the device. The manufacturer's warranty does not cover loss of data resulting from user actions.

Attaching a hand strap

Slide a hand strap through the slot and hook it over the small projection.

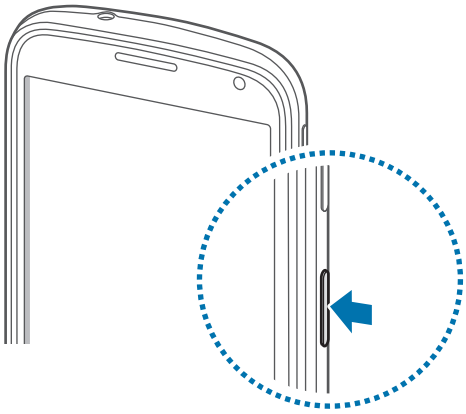


Turning the device on and off

When turning on the device for the first time, follow the on-screen instructions to set up your device.

Press and hold the Power button for a few seconds to turn on the device.

To turn off the device, press and hold the Power button, and then tap **Power off**.



- Follow all posted warnings and directions from authorised personnel in areas where the use of wireless devices is restricted, such as aeroplanes and hospitals.
- Press and hold the Power button and tap **Flight mode** to disable the wireless features.

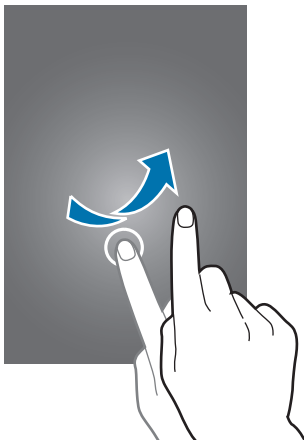
Holding the device

Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.

Locking and unlocking the device

Pressing the Power button turns off the screen and puts the device into lock mode. The device automatically gets locked if it is not used for a specified period.

To unlock the device, press the Power button or the Home button and flick your finger in any direction within the unlock screen area.



You can change the unlock code to unlock the device. Refer to Changing the screen lock method for details.

Basics

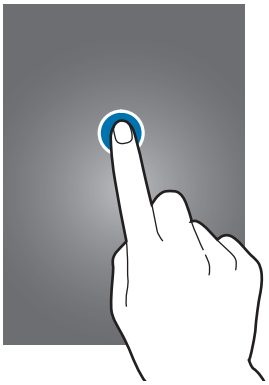
Using the touch screen

- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.
- To avoid damaging the touch screen, do not tap it with anything sharp or apply excessive pressure to it with your fingertips.

- The device may not recognise touch inputs close to the edges of the screen, which are outside of the touch input area.
- Leaving the touch screen idle for extended periods may result in afterimages (screen burn-in) or ghosting. Turn off the touch screen when you do not use the device.
- It is recommended to use fingers when you use the touch screen.

Tapping

To open an app, to select a menu item, to press an on-screen button, or to enter a character using the keyboard on the screen tap it with a finger.

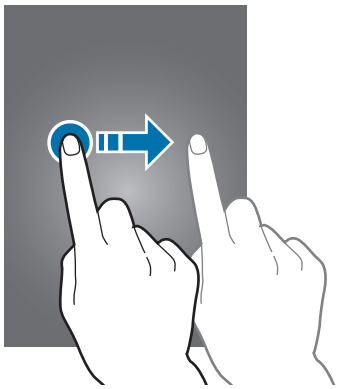


Tapping and holding

Tap and hold an item for more than 2 seconds to access available options.

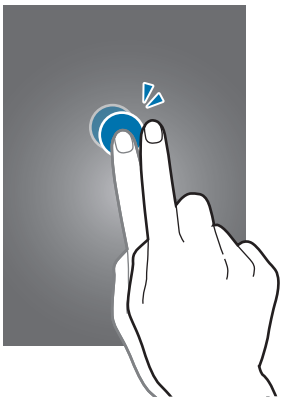
Dragging

To move an icon or thumbnail, tap and hold it and drag it to the target position.



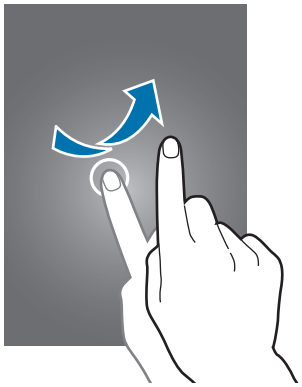
Double-tapping

Double-tap on a webpage or image to zoom in a part. Double-tap again to return.



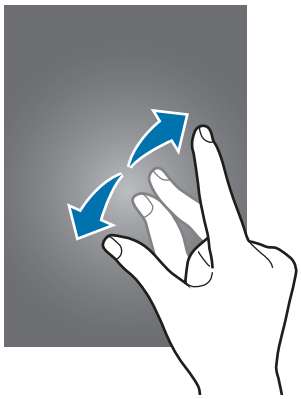
Flicking

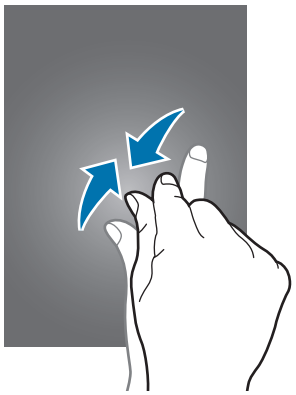
Flick left or right on the Home screen or the Apps screen to see another panel. Flick up or down to scroll through a webpage or a list, such as contacts.



Spreading and pinching

Spread two fingers apart on a webpage, map, or image to zoom in a part. Pinch to zoom out.





Indicator icons

The icons displayed on the status bar provide information about the status of the device. The icons listed in the table below are most common.

The status bar may not appear at the top of the screen in some apps. To display the status bar, drag down from the top of the screen.

Icon	Meaning
	No signal
	Signal strength
	Roaming (outside of normal service area)
	GPRS network connected
	EDGE network connected
	UMTS network connected
	HSDPA network connected
	HSPA+ network connected
	LTE network connected
	Wi-Fi connected
	Bluetooth feature activated
	GPS activated
	Call in progress
	Missed call
	Smart screen feature activated
	Synced with the web
	Connected to computer
	No SIM or USIM card
	New text or multimedia message
	Alarm activated
	Mute mode activated

Icon	Meaning
	Vibration mode activated
	Flight mode activated
	Error occurred or caution required
	Battery power level

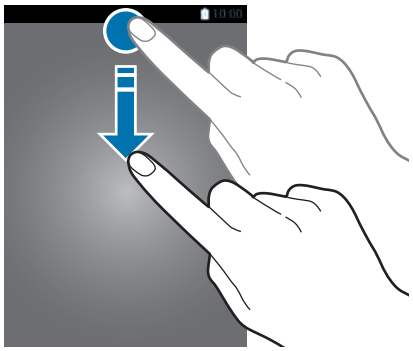
Notifications and quick setting panels

Using the notifications panel

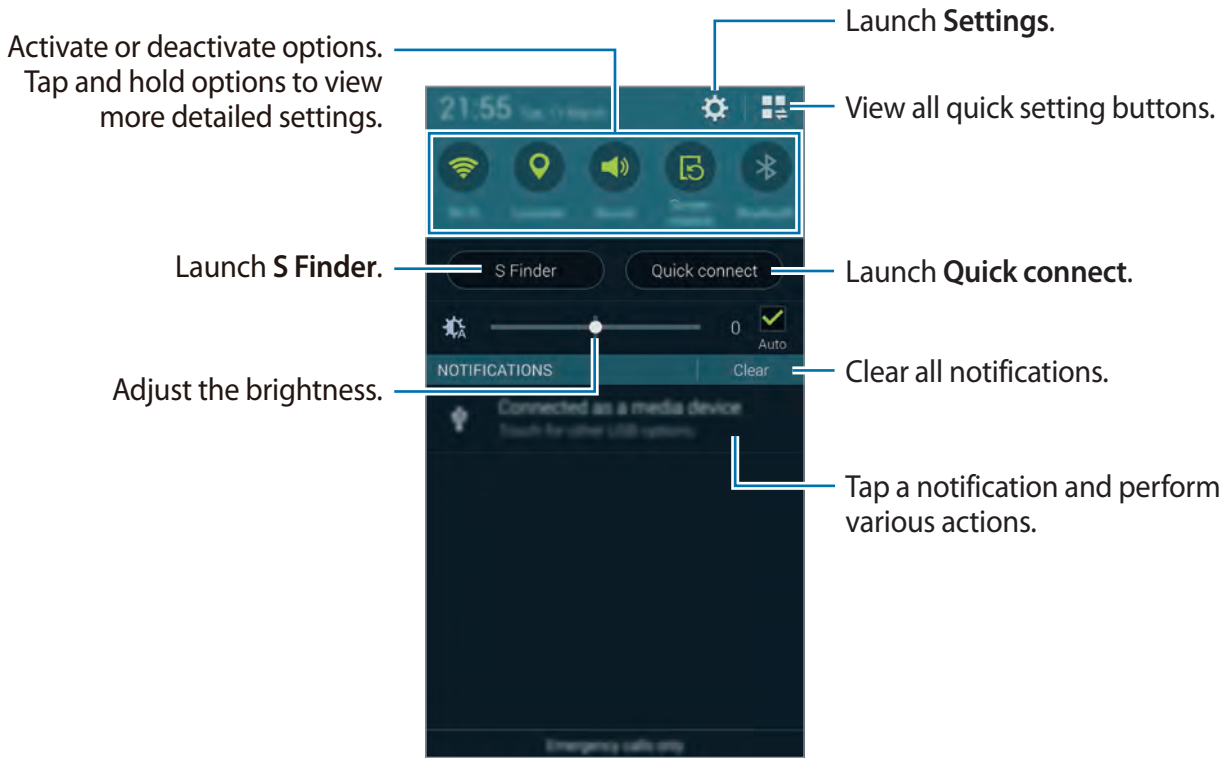
When you receive new notifications, such as messages or missed calls, indicator icons appear on the status bar. To see more information about the icons, open the notifications panel and view the details.

To open the notifications panel, drag the status bar downwards.

To close the notifications panel, drag the bar from the bottom of the screen upwards.



You can use the following functions on the notifications panel.



Adjusting the brightness

To set the device to adjust the brightness automatically, tick **Auto**. To manually adjust the brightness from the automatic level, drag the brightness adjustment bar to the left or right.

When battery power is low, the brightness adjustment bar disappears from the notifications panel.

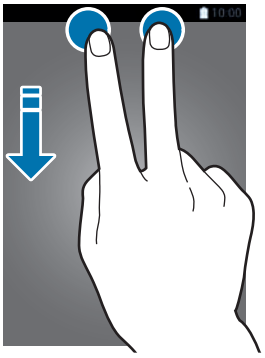
Using the quick setting panel

A number of quick setting buttons are available on the notifications panel. To view or access more quick setting buttons, open the quick setting panel. When you open the quick setting panel, you can activate or deactivate various features or configure settings.

To open the quick setting panel, drag the status bar downwards with two fingers.

To close the quick setting panel, drag the bar from the bottom of the screen upwards.

To rearrange quick setting buttons on the notifications panel, tap ✎, tap and hold an item, and then drag the item to another location.



Use the following options:

- **Wi-Fi**: Activate or deactivate the Wi-Fi feature. Refer to Connecting to a Wi-Fi network for details.
- **Location**: Activate or deactivate the GPS feature.
- **Sound** / **Vibrate** / **Mute**: Activate or deactivate sound mode and silent mode. You can set the device to vibrate or mute all sound in silent mode.
- **Screen rotation**: Allow or prevent the interface from rotating when you rotate the device.

Some apps do not allow screen rotation.

- **Bluetooth**: Activate or deactivate the Bluetooth feature.
- **Mobile data**: Activate or deactivate the mobile data connection.

- **U.power saving**: Activate or deactivate ultra power-saving mode. Refer to Using the power saving feature for details.
- **Toolbox**: Hide or show the toolbox icon. Refer to Toolbox for details.
- **Mobile hotspot**: Activate or deactivate the Wi-Fi tethering feature. Refer to Tethering devices and using mobile hotspots for details.
- **Screen Mirroring**: Activate or deactivate the screen mirroring feature. Refer to Screen mirroring for details.
- **NFC**: Activate or deactivate the NFC feature. Refer to NFC for details.
- **Sync**: Activate or deactivate auto-syncing of apps.
- **Smart stay**: Activate or deactivate the smart stay feature. When you activate this feature, the screen stays on as long as you look at it.
- **Smart pause**: Activate or deactivate the smart pause feature. When you activate this feature, playback pauses when you look away from the screen.
- **Power saving**: Activate or deactivate power-saving mode. Refer to Using the power saving feature for details.
- **Blocking mode**: Activate or deactivate blocking mode. In blocking mode, your device will block notifications. To select which notifications will be blocked, tap **Settings** → **Blocking mode**.
- **Flight mode**: Activate or deactivate flight mode.
- **Touch sensitivity**: Activate or deactivate the touch sensitivity feature. Refer to Increasing touch screen sensitivity for details.

Home and Apps screens

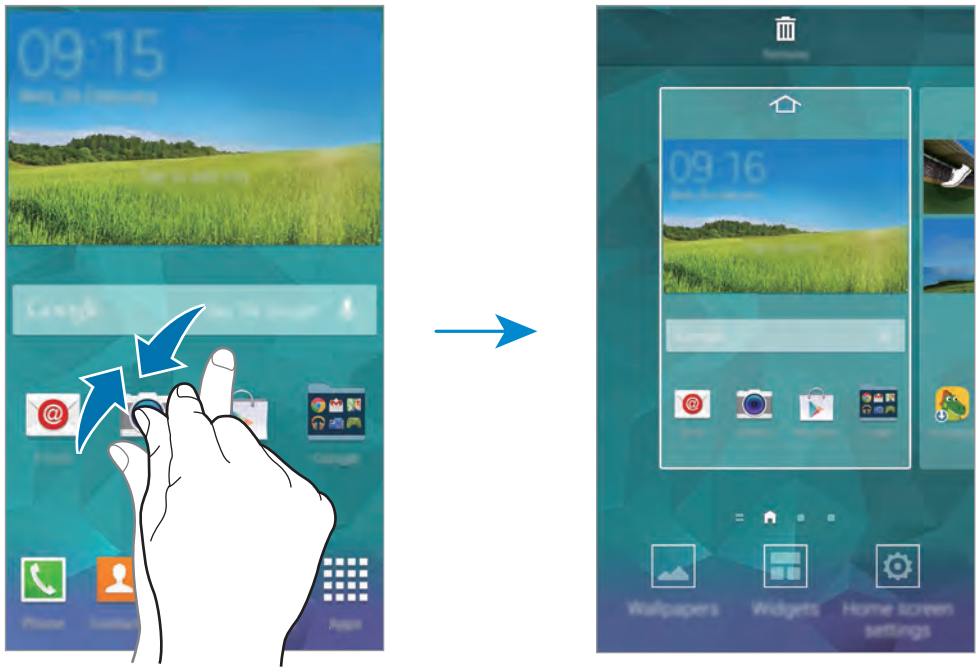
Home screen

The Home screen is the starting point to access all of the device's features. It displays widgets, shortcuts to apps, and more. Widgets are small apps that launch specific app functions to provide information and convenient access on your Home screen.

The Home screen can have multiple panels. To view other panels, scroll left or right. To customise the Home screen, refer to Managing the Home and Apps screens for details.

Home screen options

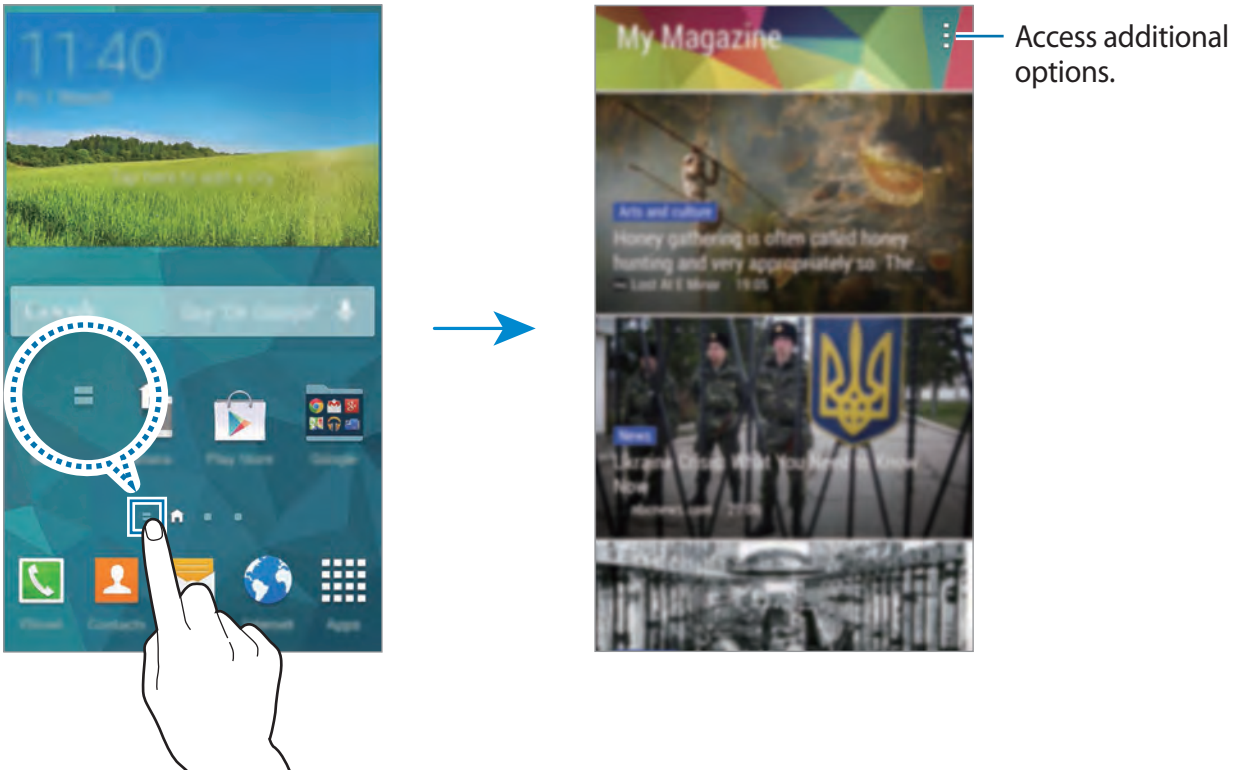
Tap and hold an area, or pinch your fingers together on the Home screen to access the options available on the Home screen.



Using My Magazine

Tap ▤ or scroll right on the Home screen to open **My Magazine**.

My Magazine displays live social network updates and news that you are interested in.



To select the content to be displayed, tap ⋮ → **Settings**, and then select the categories that interest you.

To update the content automatically when **My Magazine** opens, tap ⋮ → **Settings**, and then tick **Auto refresh on opening**.

To deactivate **My Magazine**, on the Home screen, tap and hold an empty area or pinch your fingers together on the screen. Then, tap **Home screen settings** and deselect **My Magazine**.

Apps screen

The Apps screen displays icons for all apps, including any new apps installed.

On the Home screen, tap **Apps** to open the Apps screen. To view other panels, scroll left or right, or select a screen indicator at the bottom of the screen. To customise the Apps screen, refer to Managing the Home and Apps screens for details.

Opening apps

On the Home screen or the Apps screen, select an app icon to open it.

To open the list of recently-used apps, tap ▭ and select an app icon to open.

Closing an app

Close apps not in use to save battery power and maintain device performance.

Tap ▭ → ◔, and then tap **End** next to an app to close it. To close all running apps, tap **End all**. Alternatively, tap ▭ → ☰✕.

Installing or uninstalling apps

Samsung Apps

Use this app to purchase and download dedicated Samsung apps.

Tap **Samsung Apps** on the Apps screen.

This app may not be available depending on the region or service provider.

Installing apps

Browse apps by category or tap 🔍 to search for a keyword.

Select an app to view information about it. To download free apps, tap **Free**. To purchase and download apps where charges apply, tap the button that shows the app's price.

By default, the device automatically updates any installed app when a new version is available. To change the default setting or to update apps manually, tap ⋮ → **Settings** → **Auto update apps**, and then select an option.

Play Store

Use this app to purchase and download apps and games that are able to run on the device.

Tap **Play Store** on the Apps screen.

This app may not be available depending on the region or service provider.

Installing apps

Browse apps by category or tap 🔍 to search for a keyword.

Select an app to view information about it. To download free apps, tap **INSTALL**. To purchase and download apps where charges apply, tap the price and follow the on-screen instructions.

- To install apps that you download from other sources, on the Apps screen, tap **Settings** → **Security** → **Unknown sources**.
- By default, the device automatically updates any installed app when a new version is available. To change the default setting or to update apps manually, tap ⋮ → **Settings** → **Auto-update apps**, and then select an option.

Downloading suggested apps

You can view and download dedicated Galaxy device apps.

On the Apps screen, tap ⋮ → **GALAXY Essentials**.

To download all apps in the list, tap **Download all**.

Managing apps

Uninstalling or disabling apps

To disable default apps, on the Apps screen, tap ⋮ → **Uninstall/disable apps**. ⊖ appears on apps that you can disable. Select an app and tap **Disable**.

To uninstall downloaded apps, on the Apps screen, tap ⋮ → **Downloaded apps** → ⋮ → **Uninstall**. Alternatively, on the Apps screen, tap **Settings** → **Application manager**, select an app, and then tap **Uninstall**.

Enabling apps

On the Apps screen, tap ⋮ → **Show disabled apps**, select apps, and then tap **Done**.

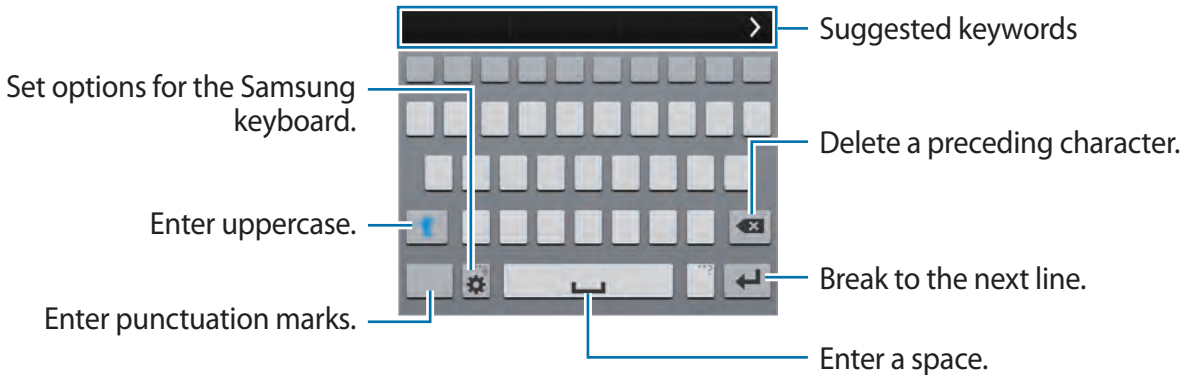
Alternatively, on the Apps screen, tap **Settings** → **Application manager**, scroll to **DISABLED**, select an app, and then tap **Enable**.

- Hiding apps: Hide apps in the Apps screen only. You can continue to use hidden apps.
- Disabling apps: Disable selected default apps that cannot be uninstalled from the device. You cannot use disabled apps.
- Uninstalling apps: Uninstall downloaded apps.

Entering text

A keyboard appears automatically when you enter text to send messages, create memos, and more.

Text entry is not supported in some languages. To enter text, you must change the input language to one of the supported languages.



Setting input languages

Tap ⚙ → **Select input languages**, and then select the languages to use. If you select two or more languages, you can change the languages by sliding the space key left or right.

Changing the keyboard layout

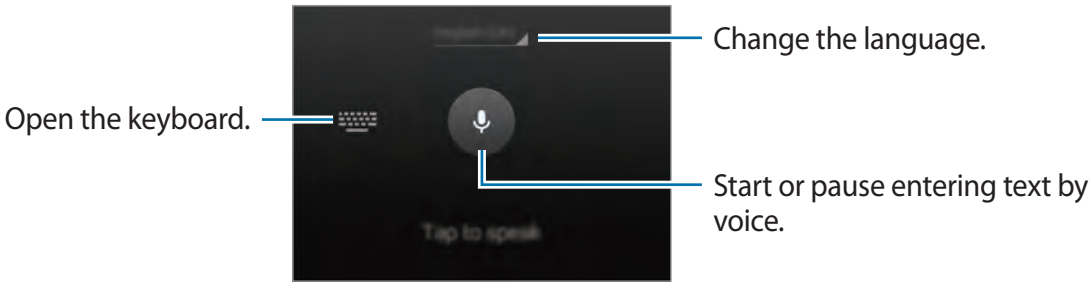
Tap ⚙, select a language under **INPUT LANGUAGES**, and then select a keyboard layout to use.

On the 3x4 keyboard, a key has three or four characters. To enter a character, tap repeatedly the key corresponding to the character.

Using additional keyboard functions

Tap and hold ⚙ to use the following functions. Other icons may appear instead of the ⚙ icon depending on the last function that was used.

- 🎙 : Enter text by voice.



Ensure that the Wi-Fi or mobile network is connected before using this feature. You may incur additional charges when using this feature via the mobile network.

- 📋 : Add an item from the clipboard.
- ⚙ : Set options for the keyboard.
- 😊 : Enter emoticons.

Copying and pasting

1 Tap and hold over text.

2 Drag ◖ or ◗ to select the desired text, or tap **Select all** to select all text.

3 Tap **Copy** or **Cut**. The selected text is copied to the clipboard.

4 Place the cursor where the text is to be inserted and tap ⌂ → **Paste**. To paste text that you have previously copied, tap ⌂ → **Clipboard** and select the text.

Using the power saving feature

Power saving mode

Save battery power by limiting the device's functions.

On the Apps screen, tap **Settings** → **Power saving** → **Power saving mode**, and then drag the **Power saving mode** switch to the right. Alternatively, open the quick setting panel and tap **Power saving** to activate it.

Select from the following options:

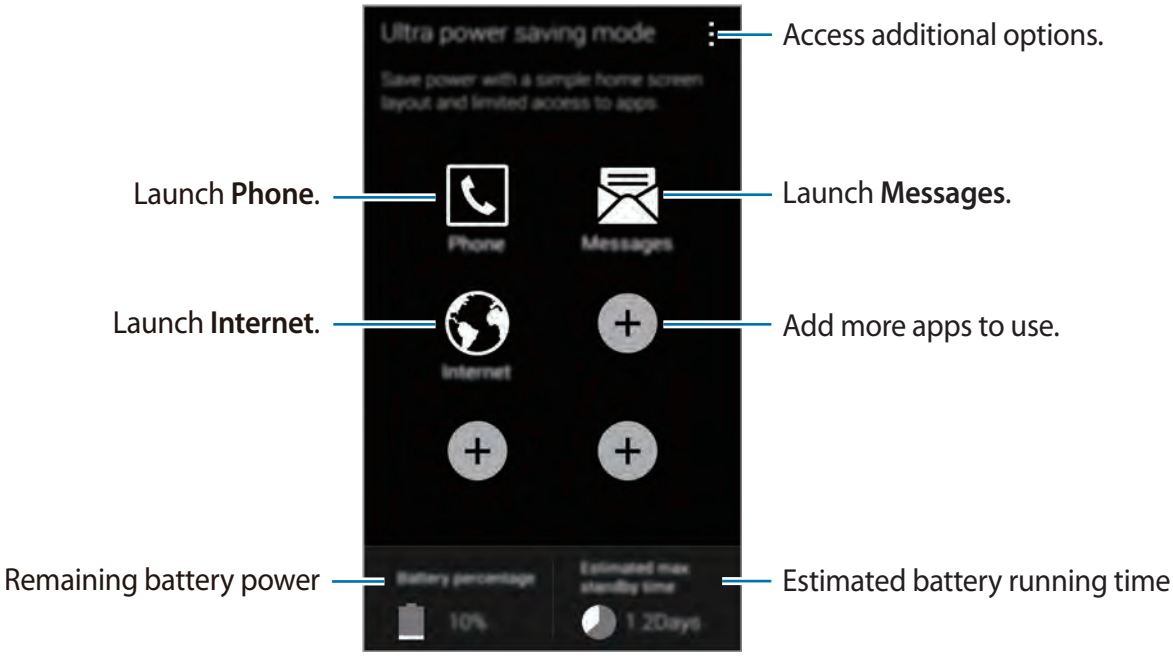
- **Block background data**: Prevent apps that are running in the background from using a mobile data connection.
- **Restrict performance**: Limit various options, such as turning off the Recent apps and Back buttons' backlight.
- **Greyscale mode**: Display colours on the screen as grey tones.

Ultra power saving mode

Use this mode to extend the device's battery power. In ultra power saving mode the device performs the following:

- Displays colours on the screen as grey tones.
- Restricts the available apps to essential and selected apps only.
- Deactivates the mobile data connection when the screen turns off.
- Deactivates the Wi-Fi and Bluetooth features.

On the Apps screen, tap **Settings** → **Power saving** → **Ultra power saving mode**, and drag the **Ultra power saving mode** switch to the right. Alternatively, open the quick setting panel and tap **U. power saving** to activate it.



To add an app on the Home screen, tap ⊕ and select an app.

To remove an app from the Home screen, tap ⋮ → **Remove**, select an app with ⊖, and then tap **OK**.

To change network connectivity settings and more, tap ⋮ → **Settings**.

To deactivate the ultra power saving feature, tap ⋮ → **Disable ultra power saving mode**.

The maximum standby time is the estimated time that the device will maintain a battery charge. The standby time is the time taken for the battery to fully discharge if the device is not used. Standby time may vary depending on device settings and operating conditions.

Accessing help information

To access help information for an app while you are using the app, tap ⋮ → **Help**.

To access help information to learn how to use the device and apps, on the Apps screen, tap **Settings** → **Help**.

- Some apps may not support this feature.
- To use the feature, connect to a Wi-Fi or mobile network.

Personalising

Switching to easy mode

Easy mode provides an easier user experience by using a simpler layout and bigger icons on the Home screen. You can access the most popular apps and frequently-used settings, and add shortcuts to your favourite contacts.

On the Apps screen, tap **Settings** → **Easy mode** → **Easy mode**, select apps to apply simpler layout, and then tap **Done**.

To return to standard mode, on the Home screen, tap **Easy settings** → **Easy mode** → **Standard mode** → **Done**.

Managing shortcuts

To add a shortcut to an app to the Home screen, scroll left, tap ⊕, and then select an app.

To add a shortcut to a contact on the Home screen, scroll right, tap 👤.

To delete a shortcut from the Home screen, tap ⋮ → **Edit**, select an app or contact with ⊖.

Managing the Home and Apps screens

Managing the Home screen

Adding items

Tap and hold an app or a folder from the Apps screen, and then drag it to the Home screen.

To add widgets, on the Home screen, tap and hold an empty area, tap **Widgets**, tap and hold a widget, and then drag it to the Home screen.

Moving and removing an item

Tap and hold an item on the Home screen, and then drag it to a new location.

To move the item to another panel, drag it to the side of the screen.

You can also move frequently-used apps to the shortcuts area at the bottom of the Home screen.

To remove an item, tap and hold the item. Then, drag it to **Remove** that appears at the top of the screen.

Creating a folder

1 On the Home screen, tap and hold an app, and then drag it to **Create folder** that appears at the top of the screen.

2 Enter a folder name.

3 Tap ⊕, select the apps to move to the folder, and then tap **Done**.

Managing panels

On the Home screen, tap and hold an empty area to add, move, or remove a panel.

To add a panel, scroll left to the last panel, and then tap +.

To move a panel, tap and hold a panel preview, and then drag it to a new location.

To remove a panel, tap and hold a panel preview, and then drag it to **Remove** at the top of the screen.

To set a panel as the main Home screen, tap ⌂.

Managing the Apps screen

Changing view mode

On the Apps screen, tap ⋮ → **View as** and select a sorting method.

Hiding apps

Hide apps that you do not want to see on the Apps screen.

On the Apps screen, tap ⋮ → **Hide apps**, select apps, and then tap **Done**.

To display hidden apps, tap ⋮ → **Show hidden apps**, select apps, and then tap **Done**.

Moving items

On the Apps screen, tap ⋮ → **Edit**. Tap and hold an item and drag it to a new location.

To move the item to another panel, drag it to the side of the screen.

To move an item to a new panel, drag it to **Create page** that appears at the top of the screen.

Creating folders

1. On the Apps screen, tap ⋮ → **Create folder**. Alternatively, tap ⋮ → **Edit**, tap and hold an app, and then drag it to **Create folder** that appears at the top of the screen.
2. Enter a folder name.
3. Tap ⊕, select the apps to move to the folder, and then tap **Done**.

Changing the screen lock method

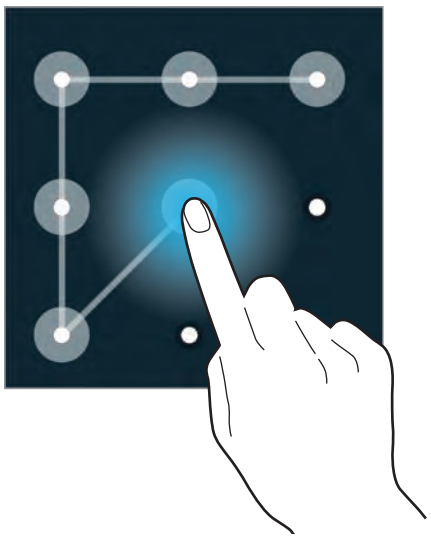
You can change the way that you lock the screen to prevent others accessing your personal information.

On the Apps screen, tap **Settings** → **Lock screen** → **Screen lock**, and then select a screen lock method. The device requires an unlock code whenever unlocking it.

If the unlock code is forgotten, take the device to a Samsung Service Centre to reset it.

Pattern

Draw a pattern by connecting four dots or more, and then draw the pattern again to verify it. Set a backup PIN to unlock the screen when you forget the pattern.



PIN

A PIN consists of numbers only. Enter at least four numbers, and then enter the password again to verify it.

Password

A password consists of characters and numbers. Enter at least four characters including numbers and symbols, and then enter the password again to verify it.

Setting wallpaper

Set an image or photo stored in the device as wallpaper for the Home screen or the locked screen.

1 On the Apps screen, tap **Settings** → **Wallpaper**. Alternatively, on the Home screen, tap and hold an empty area or pinch your fingers together on the screen, and then tap **Wallpapers**.

2 Select a screen to change or apply wallpaper to.

3 Scroll left or right and select from images displayed at the bottom of the screen.

To select photos taken by the device's camera or other images, tap **More images**.

4 Tap **Set wallpaper** or **Done**.

Changing ringtones

Change ringtones for incoming calls and notifications.

On the Apps screen, tap **Settings** → **Sound**.

To set a ringtone for incoming calls, tap **Ringtones**, select a ringtone, and then tap **OK**. To use a song stored on the device or in your account as a ringtone, tap **Add**.

To set a ringtone for notifications, tap **Notifications**, select a ringtone, and then tap **OK**.

Setting up accounts

Adding accounts

Some apps used on your device require a registered account. Create accounts to have the best experience with your device.

On the Apps screen, tap **Settings** → **Accounts** → **Add account** and select an account service. Then, follow the on-screen instructions to complete the account setup.

To sync content with your accounts, select an account and tick items to sync.

Removing accounts

On the Apps screen, tap **Settings** → **Accounts**, select the account, and then tap ⋮ → **Remove account**.

Moving contacts from other devices to your device

Moving contacts using Samsung Smart Switch

You can move contacts to your device from other devices and computers using Samsung Smart Switch.

Samsung Smart Switch is not supported on some devices or computers.

Using Smart Switch Mobile

You can use this app to transfer contacts from one mobile device to another. This feature is supported when transferring contacts between selected Samsung mobile devices only.

Before using this feature

Ensure that the Smart Switch Mobile app is installed on the two devices. You can download the app from **Samsung Apps** or **Play Store**.

1. On the two devices, launch **Smart Switch Mobile**.
2. On both devices, read and agree to the terms and conditions, and then tap **Confirm**.
3. Bring the devices close together, and then tap **Connect** on either device.
4. On the device you are transferring contacts from, tick **Contacts** and tap **Transfer**.
5. On the device to transfer contacts to, tap **OK** to start transferring contacts from the other device.

Using Smart Switch with computers

Use this feature to transfer a backup of your contacts from a computer to your device. You can also transfer contacts from selected manufacturer's mobile devices to your device.

Before using this feature

Ensure that the Smart Switch for computers is installed on the computer. You can download the app from the Samsung Smart Switch website (www.samsungsmartswitch.com).

1. Back up contacts from a previous device to the computer. For details, contact the device's manufacturer.
2. On the computer, launch **Smart Switch**.
3. On the computer, read and agree to the terms and conditions, and then click **Agree**.
4. Connect your current device to the computer using the USB cable.
5. On the computer, click the manufacturer of the previous device and follow the on-screen instructions to transfer contacts to your device.

Moving contacts using Samsung Kies

Import a backup contacts file from your computer via Samsung Kies to restore contacts on your device. You can also back up contacts to the computer via Samsung Kies. Refer to Connecting with Samsung Kies for details.

Network connectivity

Connecting to a mobile network

Connect the device to a mobile network to use the Internet when a Wi-Fi network is not available.

On the Apps screen, tap **Settings** → **Data usage**, and then tick **Mobile data**. Alternatively, open the quick setting panel and tap **Mobile data** to activate it.

Connecting to a Wi-Fi network

Connect the device to a Wi-Fi network to use the Internet or share media files with other devices. Refer to Wi-Fi for additional options.

- Your device uses a non-harmonised frequency and is intended for use in all European countries. The WLAN can be operated in the EU without restriction indoors, but cannot be operated outdoors.
- Turn off Wi-Fi to save the battery when not in use.

1 On the Apps screen, tap **Settings** → **Wi-Fi**. Alternatively, open the quick setting panel and tap and hold **Wi-Fi**.

2 Drag the **Wi-Fi** switch to the right.

3 Select a network from the list of detected Wi-Fi networks. Networks that require a password appear with a lock icon.

4 Tap **Connect**. After the device connects to a Wi-Fi network, the device will automatically connect to it any time it is available.

Adding Wi-Fi networks

If the desired network does not appear in the networks list, tap **Add Wi-Fi network** at the bottom of the networks list. Enter the network name in **Network SSID**, select the security type and enter the password if it is not an open network, and then tap **Connect**.

Activating Wi-Fi Passpoint

Wi-Fi Passpoint enables the device to search for and connect to a certified Wi-Fi network. You can use the Passpoint feature to connect to public Wi-Fi networks that support automated authentication. When you move to a new location it will search for and connect to another certified Wi-Fi network.

This feature may not be available depending on the region.

Tap ⋮ → **Advanced**, and then tick **Passpoint**.

Forgetting Wi-Fi networks

Any network that has ever been used, including the current network, can be forgotten so the device will not automatically connect to it. Select the network in the networks list and tap **Forget**.

Using Smart network switch

Use this feature to maintain a stable network connection when you browse webpages, download content, and more. Before using this feature, ensure that the mobile data connection and Wi-Fi features are activated.

You may incur additional charges when using this feature via a mobile network.

On the Apps screen, tap **Settings** → **Wi-Fi**, and then tick **Smart network switch**. The device automatically switches from a Wi-Fi network to a mobile network when the current Wi-Fi network is weak or unstable. When the Wi-Fi network signal becomes strong, the device switches from the mobile network back to the Wi-Fi network.

Tethering devices and using mobile hotspots

About tethering and mobile hotspots

Use this feature to share the device's mobile data connection with computers and other devices if an Internet connection is unavailable. Connections can be made via the Wi-Fi feature, USB, or the Bluetooth feature.

You may incur additional charges when using this feature.

Using the mobile hotspot

Use your device as a mobile hotspot to share your device's mobile data connection with other devices.

Before using this feature

- Ensure that the Wi-Fi feature is deactivated.
- Ensure that the device's mobile data connection is activated.

1 On the Apps screen, tap **Settings** → **Tethering and mobile hotspot** → **Mobile hotspot**.

2 Drag the **Mobile hotspot** switch to the right.

- appears on the status bar. Other devices can find your device on the Wi-Fi networks list.
- To set a password for the hotspot, tap ⋮ → **Configure** and select the level of security. Then, enter a password and tap **Save**.

3 On the other device's screen, search for and select your device from the Wi-Fi networks list.

Using USB tethering

Share the device's mobile data connection with a computer via a USB cable.

1 On the Apps screen, tap **Settings** → **Tethering and mobile hotspot**.

2 Connect your device to the computer via the USB cable.

3 Tick **USB tethering**.

appears on the status bar when the two devices are connected.

4 On the computer, use your device's mobile data connection.

Using Bluetooth tethering

Share the device's mobile data connection with connected computers and other devices via Bluetooth.

Before using this feature

- Ensure that your device is paired with the other device via Bluetooth. Refer to Bluetooth for details.
- Ensure that the computer that you connect to supports the Bluetooth feature.

1 On your device, on the Apps screen, tap **Settings** → **Tethering and mobile hotspot**.

2 Tick **Bluetooth tethering**.

3 On the connected device, open the Bluetooth settings screen, tap ⚙ → **Internet access**.

appears on the status bar when the two devices are connected.

4 On the connected device, use the device's mobile data connection to access the Internet.

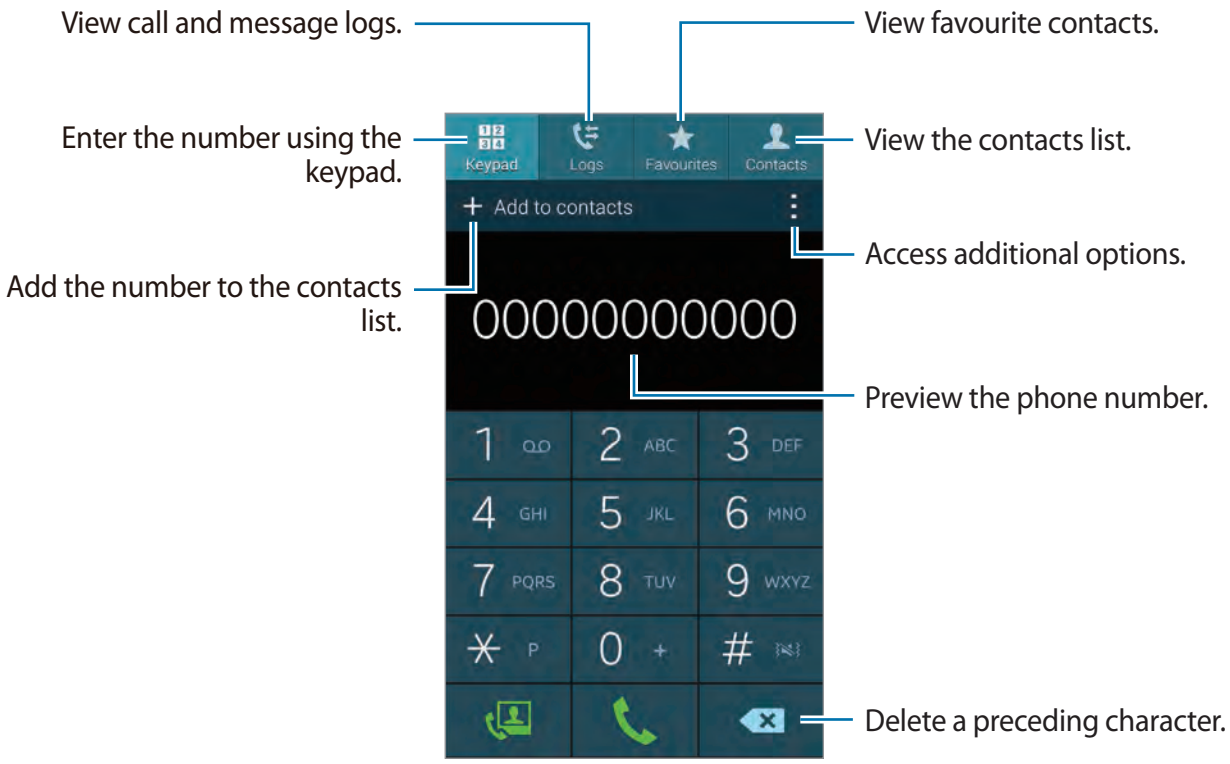
The connection methods may vary depending on the connected devices.

Phone

Making calls

Tap **Phone** on the Apps screen.

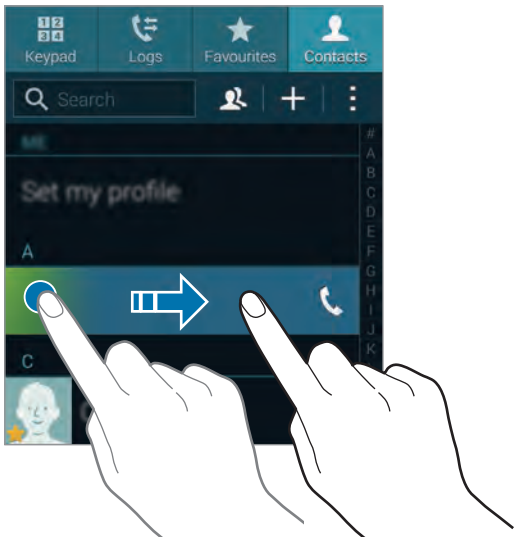
Tap **Keypad**, enter a phone number, and then tap to make a voice call, or tap to make a video call. You can also make calls to phone numbers listed in **Logs**, **Favourites**, and **Contacts**.



Making calls from call logs or contact lists

Tap **Logs** or **Contacts**, and then drag a contact or a phone number to the right to make a call.

To deactivate the call by dragging an icon to the right feature, tap ⋮ → **Settings** → **Contacts**, and then deselect **Swipe to call or send msg**.



Making calls from the favourites list

You can easily call contacts that you communicate with frequently by adding them to the favourite contacts list.

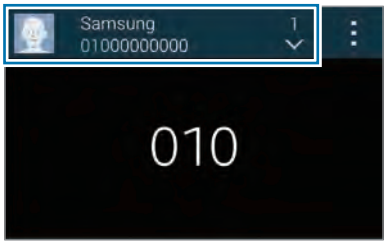
To add contacts to the favourites list, tap **Contacts**, select a contact, and then tap ★.

To make a call to a favourite contact, tap **Favourites** and select a contact.

Number prediction

Tap **Keypad**.

When entering numbers on the keypad, automatic predictions appear. Select one of these to make a call.



Speed dial numbers

Tap **Keypad**.

For speed dial numbers, tap and hold the corresponding digit.

To assign a contact to a speed dial number, tap and hold an available speed dial number on the keypad, tap **OK**, and then select a contact. Or, tap **Contacts** → ⋮ → **Speed dial**, select a number, and then select a contact.

Making an international call

Tap **Keypad**.

Tap and hold **0** until the + sign appears. Enter the country code, area code, and phone number, and then tap 📞.

To block outgoing international calls, tap ⋮ → **Settings** → **Call** → **More settings** → **Call barring**. Then, select a call type and deselect **International calls**.

Receiving calls

Answering a call

When a call comes in, drag outside the large circle.

If you are using an app when a call comes in, tap **Answer** in a pop-up window.

If the call waiting service is activated, another call can be made. When the second call is answered, the first call is put on hold.

Rejecting a call

When a call comes in, drag outside the large circle.

If you are using an app when a call comes in, tap **Reject** in the pop-window.

To send a message when rejecting an incoming call, drag the reject message bar upwards.

To create various rejection messages, on the Apps screen, tap **Phone** → ⋮ → **Settings** → **Call** → **Call rejection** → **Rejection messages** → **Create**.

Automatically rejecting calls from unwanted numbers

1 Tap **Phone** on the Apps screen.

2 Tap ⋮ → **Settings** → **Call** → **Call rejection** → **Auto reject mode** → **Auto reject numbers**.

3 Tap **Auto reject list** → **Create**, enter a number, and then assign a category.

4 Tap **Save**.

Missed calls

If a call is missed, appears on the status bar. Open the notifications panel to view the list of missed calls. Alternatively, on the Apps screen, tap **Phone** → **Logs** to view missed calls.

During a call

During a voice call

The following actions are available:

- : Increase the volume.
- **Add call**: Dial a second call.
- **Keypad**: Open the keypad.
- **End call**: End the current call.
- **Speaker**: Activate the speakerphone. Keep the device away from your ears when using the speakerphone.
- **Mute**: Turn off the microphone so that the other party cannot hear you.
- **Bluetooth**: Switch to a Bluetooth headset if it is connected to the device.
- ⋮ → **Hold**: Hold a call. Tap **Unhold** to retrieve the held call.
- ⋮ → **Contacts**: Open the contacts list.
- ⋮ → **Memo**: Create a memo.
- ⋮ → **Messages**: Send a message.
- ⋮ → **Personalise call sound**: Select a type of call sound to use with a headset.
- ⋮ → **Settings**: Change the call settings.

When you launch apps during a call, a pop-up window for the call screen ( ) appears. You can continue your phone conversation while using apps.

To move the pop-up window, drag it to another location.

To delete the pop-up window, tap and hold it, and then tap **OK**.

To return to the call screen, tap the pop-up window.

During a video call

The following actions are available:

- ⋮ → **Hide me**: Hide your image from the other party.
- ⋮ → **Outgoing image**: Select an image to show it to the other party.
- ⋮ → **Capture image**: Capture the other party's image.
- ⋮ → **Record video**: Take a video of the other party's images.
- ⋮ → **Memo**: Create a memo.
- ⋮ → **Message**: Send a message.
- ⋮ → **Keypad**: Open the keypad.
- ⋮ → **Speaker off** / **Speaker on**: Activate or deactivate the speakerphone. Keep the device away from your ears when using the speakerphone.
- ⋮ → **Switch to headset**: Switch to a Bluetooth headset if it is connected to the device.
- ⋮ → **Enable dual camera** / **Disable dual camera**: Enable or disable the dual camera feature. Use the front and rear cameras so that the other party can see you and your surroundings.

Video calling with dual camera mode will be provided for up to 3 minutes. After 3 minutes the device will turn off the rear camera for optimal performance.

Tap the screen to use the following options:

- **Switch**: Switch between the front and rear camera.
- **Mute**: Turn off the microphone so that the other party cannot hear you.
- **End call**: End the current call.

Motions & usability features

Control motions

Excessive shaking or impact to the device may result in unintended inputs. Control motions properly.

Direct call

On the Apps screen, tap **Settings** → **Motions and gestures** → **Direct call**, and then drag the **Direct call** switch to the right.

While viewing call, message, or contact details, pick up and hold the device to your ear to make a call.

Smart alert

On the Apps screen, tap **Settings** → **Motions and gestures** → **Smart alert**, and then drag the **Smart alert** switch to the right.

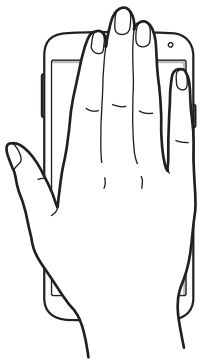
When you pick up the device after it has been idle for some time or when the screen has turned off, it vibrates if you have missed calls or new messages.

Mute/Pause

On the Apps screen, tap **Settings** → **Motions and gestures** → **Mute/Pause**, and then drag the **Mute/Pause** switch to the right.

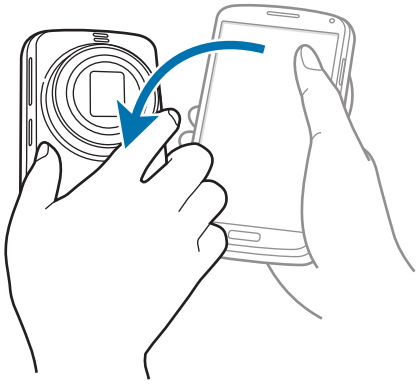
Covering screen with hand

Cover the screen with a palm to mute incoming calls or alarms, or to pause media playback.



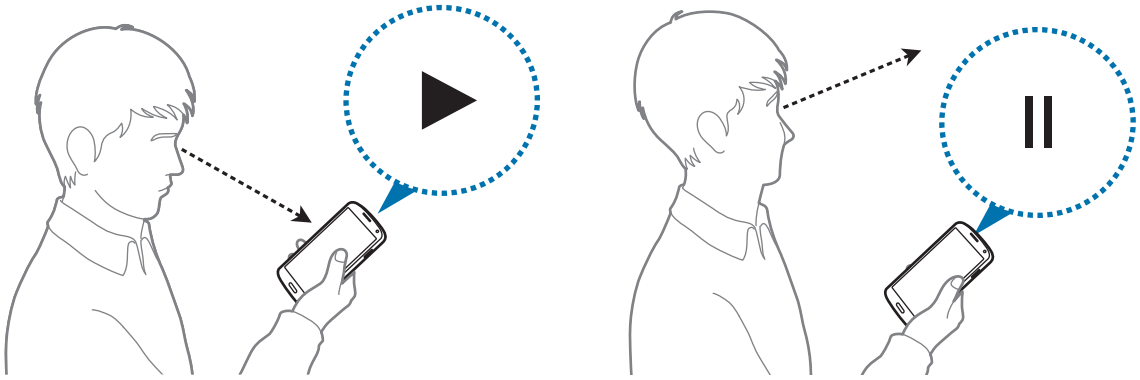
Turning device over

Turn the device over to mute incoming calls or alarms, or to pause media playback.



Smart pause

Playback pauses automatically when you look away from the screen. It resumes when you look at the screen again.

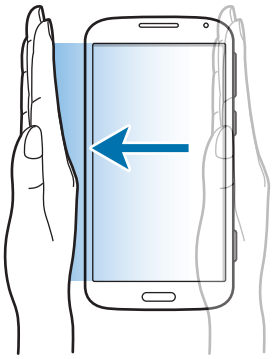


Palm swipe to capture

On the Apps screen, tap **Settings** → **Motions and gestures** → **Palm swipe to capture**, and then drag the **Palm swipe to capture** switch to the right.

Place the side of your hand on the screen and sweep it across the screen from the right to the left or vice versa to capture a screenshot. The image is saved in the **Gallery** → ☰ → **Album** → **Screenshots** folder.

It is not possible to capture a screenshot while using some apps.



Toolbox

You can easily launch various apps from the toolbox icon while using other apps.

Open the quick setting panel and tap **Toolbox** to activate it. Alternatively, on the Apps screen, tap **Settings** → **Toolbox**, and then drag the **Toolbox** switch to the right. ⊙ appears on the screen.

To launch an app, tap ⊙ and select an app.

To move the toolbox icon, tap ⊙ and drag it to another location.

To change the apps that are in the toolbox, tap and hold ⊙, and then drag it to **Edit**.

To hide the toolbox icon, tap and hold ⊙, and then drag it to **Remove**.

Increasing touch screen sensitivity

Use this feature to operate the screen while wearing gloves.

On the Apps screen, tap **Settings** → **Display**, and then tick **Increase touch sensitivity**. Alternatively, open the quick setting panel and tap **Increase touch sensitivity** to activate it.

- Use leather gloves for better recognition while touching the screen. Other types of material may not be recognised.
- For best results, tap the screen firmly while wearing gloves.

Contacts

Adding contacts

Moving contacts from other devices

You can move contacts from other devices to your device. Refer to Moving contacts from other devices to your device for details.

Creating contacts manually

1 On the Apps screen, tap **Contacts** → **Contacts**.

2 Tap + and enter contact information.

- : Add an image.
- + / — : Add or delete a contact field.

3 Tap **Save**.

To add a phone number to the contacts list from the keypad, tap **Keypad**, enter the number, and then tap **Add to contacts**.

Managing contacts

Editing a contact

1 On the Apps screen, tap **Contacts** → **Contacts**.

2 Select a contact to edit and tap ✎.

3 Edit the contact information or tap **Add another field** to add more contact information.

4 Tap **Save**.

Deleting a contact

Select a contact to delete, tap ⋮ → **Delete**.

Sharing a contact

Select a contact to share, tap ⋮ → **Share name card**, and then select a sharing method.

Managing groups

On the Apps screen, tap **Contacts** → **Contacts**.

Tap 👥.

Creating a new group

Tap +, enter a group name, and then tap **Save**.

Adding contacts to a group

Select a group, and then tap +. Select contacts to add, and then tap **Done**.

Deleting a group

Tap ⋮ → **Delete group**, select user-added groups, and then tap **Done**.

Sending a message or email to group's members

Select a group, tap ⋮ → **Send message or email** → **Message** or **Email**, select members, tap **Done**, enter a message, and then tap the send button.

Merge contacts with accounts

Merge contacts that are saved in the device with your accounts.

On the Apps screen, tap **Contacts** → **Contacts**.

Tap ⋮ → **Merge accounts** → **Google** or **Samsung account**.

Importing and exporting contacts

Import contacts from storage services to your device or export contacts from the device to storage services.

On the Apps screen, tap **Contacts** → **Contacts**.

Tap ⋮ → **Settings** → **Contacts** → **Import/export**, and then select an import or export option.

Searching for contacts

On the Apps screen, tap **Contacts** → **Contacts**.

Use one of the following search methods:

- Scroll up or down the contacts list.
- Drag a finger along the index at the right side of the contacts list to scroll through it quickly.
- Tap the search field at the top of the contacts list and enter search criteria.

Once a contact is selected, take one of the following actions:

- ★ : Add to favourite contacts.
- / : Make a voice or video call.
- : Compose a message.
- : Compose an email.

Adding shortcuts for contacts to the Home screen

Add shortcuts to contacts that you frequently communicate with on the Home screen.

1 On the Apps screen, tap **Contacts** → **Contacts**.

2 Select a contact.

3 Tap ⋮ → **Add shortcut to home screen**.

Messages & email

Messages

Sending messages

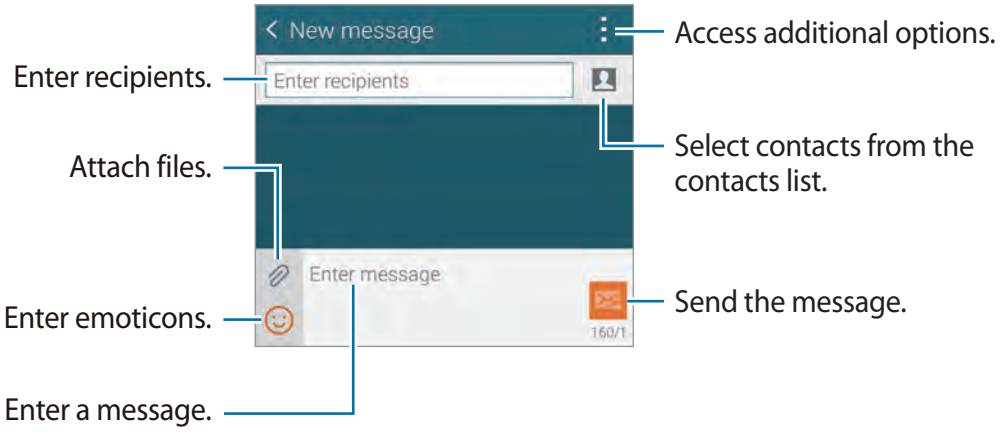
Send text messages (SMS) or multimedia messages (MMS).

You may incur additional charges for sending or receiving messages while you are outside your home service area.

1 Tap **Messages** on the Apps screen.

2 Tap ✎.

3 Add recipients and enter a message.



4 Tap ✉ to send the message.

While composing a message, tap ⋮ to use one of the following options:

- **Quick responses**: Select a message template and enter a message.
- **Insert smiley**: Enter emoticons.
- **Add subject**: Enter a subject.
- **Add slide**: Add message slides.
- **Schedule message**: Set a specified time and date for a message to be sent.
- **Discard**: Cancel composing the message.
- **Font size**: Change the font size of text in the text field.

Sending scheduled messages

While composing a message, tap ⋮ → **Schedule message**. Set a time and date and tap **Done**.

- If the device is turned off at the scheduled time, is not connected to the network, or the network is unstable, the message will not be sent.
- This feature is based on the time and date set on the device. The time and date may be incorrect if you move across time zones and the network does not update the information.

Adding contacts to the priority list

Set contacts that you communicate with frequently as priority contacts. Send them messages by selecting a contact icon from above the messages list.

Tap **Tap to add priority senders.** → **Inbox** or **Contacts**, select contacts to add, and then tap **Done**. To add more contacts, tap ⊕.

To remove contacts from the priority list, tap and hold a contact, and then tap **Manage priority senders** → ⊖ → **Done**.

Viewing incoming messages

Incoming messages are grouped into message threads by contact. Select a contact to view the person's messages.

You may incur additional charges for sending or receiving messages while you are outside your home service area.

While viewing a message, tap ⋮ to use one of the following options:

- **Video call**: Make a video call to the contact.
- **View contact**: View the contact's information.
- **Add to Contacts**: Add the contact to the contacts list.
- **Quick responses**: Enter a message by selecting one from message templates.
- **Add recipient**: Add recipients to send the message to.
- **Insert smiley**: Enter emoticons.
- **Add subject**: Enter a subject.
- **Add slide**: Add message slides.
- **Schedule message**: Set a specified time and date from a message to be sent.
- **Add to priority senders** / **Remove from priority senders**: Add contacts to or remove them from the priority senders list.
- **Add to spam numbers** / **Remove from spam numbers**: Identify a phone number as spam or remove a phone number from the spam list.
- **Discard**: Cancel composing the message.
- **Font size**: Change the font size of text in the text field.

Managing messages

While viewing the list of messages, tap ⋮ and use the following options:

- **Select**: Select messages to delete or to identify them as spam.
- **Delete**: Delete all or selected messages.
- **Draft messages**: View messages saved for later delivery.
- **Locked messages**: View locked messages.
- **Scheduled messages**: View scheduled messages.
- **Spam messages**: View spam messages.
- **Font size**: Change the font size.
- **Settings**: Change message settings.
- **Help**: Access help information about sending and managing messages.

Email

Setting up email accounts

Tap **Email** on the Apps screen.

Set up an email account when opening **Email** for the first time.

Enter the email address and password. Tap **Next** for a private email account, such as Google Mail, or tap **Manual setup** for a company email account. After that, follow the on-screen instructions to complete the setup.

To set up another email account, tap ☰ → **Manage accounts** → +.

Sending messages

Tap **Email** on the Apps screen.

Tap ✎ at the bottom of the screen. Enter recipients, subject, and message, and then tap ✉.

Tap 👤 to add a recipient from the contacts list.

Tap 📎 to attach images, videos, and others.

Tap < → 🖼+ to insert images, events, and others into the message.

Sending scheduled messages

While composing a message, tap ⋮ → **Schedule email**. Tick **Schedule email**, set a time and date, and then tap **Done**.

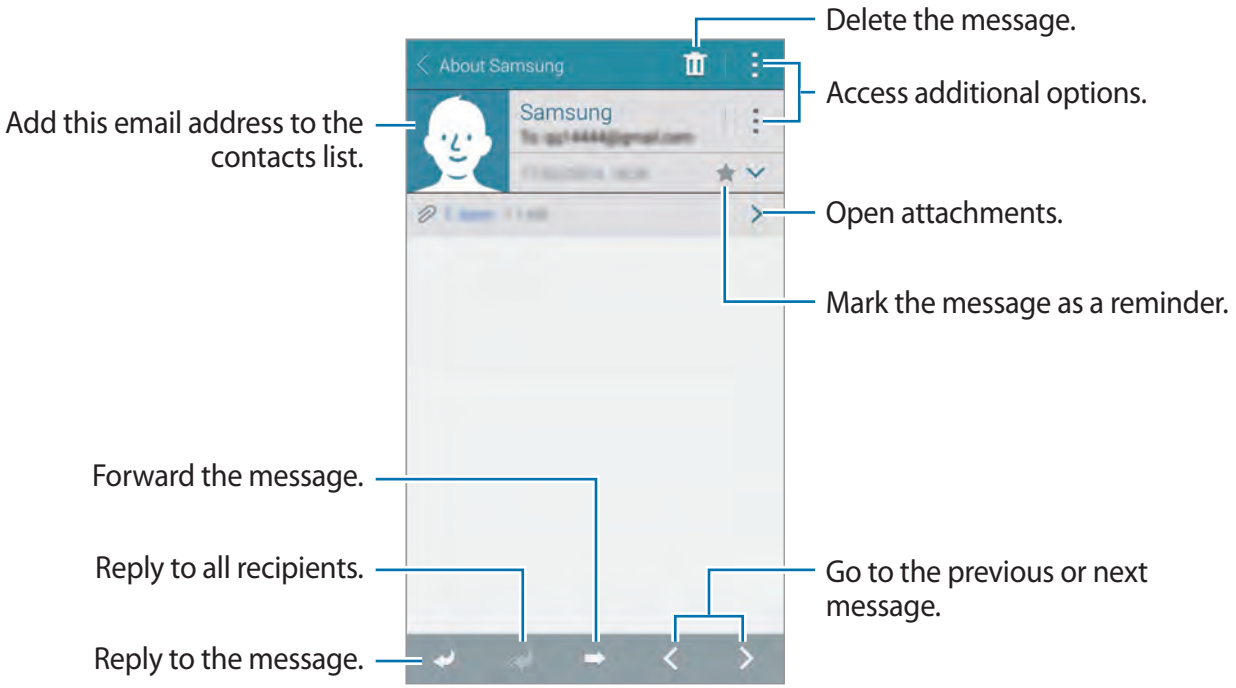
- If the device is turned off at the scheduled time, is not connected to the network, or the network is unstable, the message will not be sent.
- This feature is based on the time and date set on the device. The time and date may be incorrect if you move across time zones and the network does not update the information.

Reading messages

Tap **Email** on the Apps screen.

Tap ☰, select an email account to use, and new messages are retrieved. To manually retrieve new messages, tap ↻.

Tap a message to read.



Adding contacts to the priority list

Set contacts that you communicate with frequently as priority contacts.

Tap ☰ → **Priority senders** → **Tap to add priority senders** → **Enter email** or **Contacts**, enter email addresses or select contacts to add, and then tap **OK** or **Done**.

To add more contacts to the priority list, tap ⊕.

To remove contacts from the priority list, tap and hold a contact, tap **Edit list of priority senders**, tap ⊖ on each contact, and then tap **Done**.

Google Mail

Use this app to quickly and directly access the Google Mail service.

Tap **Google Mail** on the Apps screen.

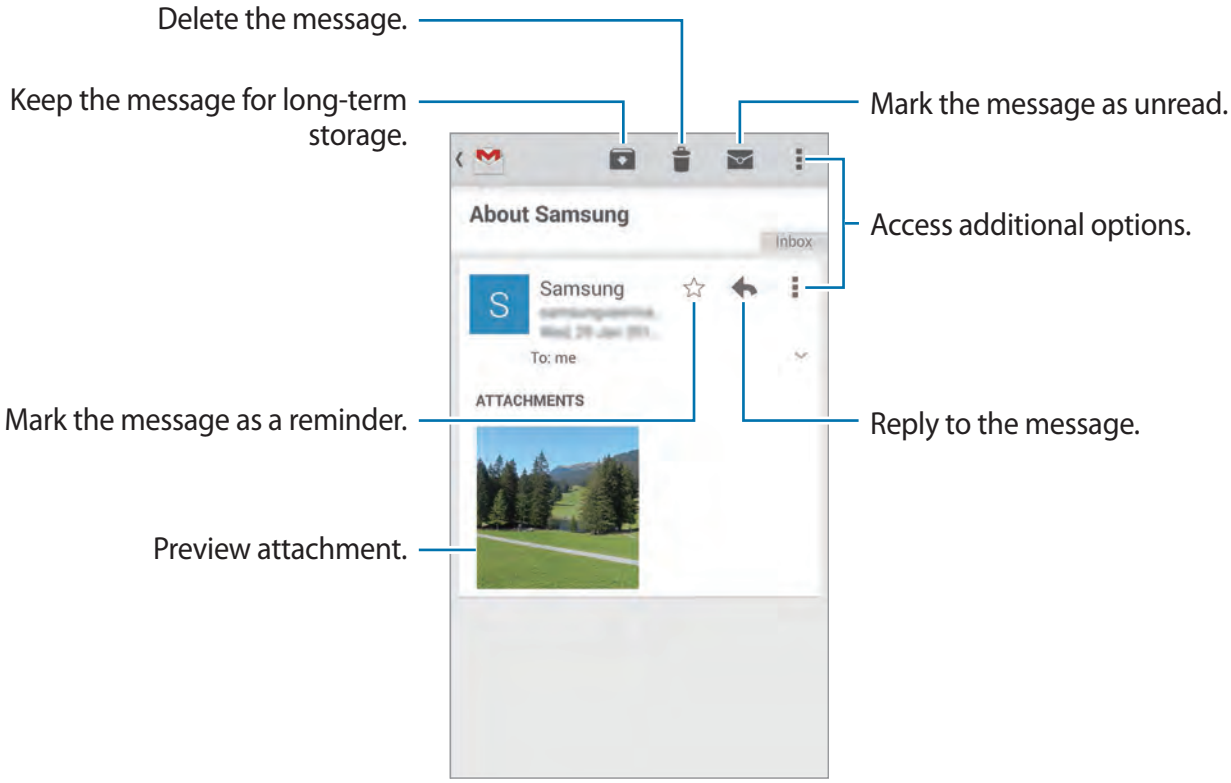
- This app may not be available depending on the region or service provider.
- This app may be labelled differently depending on the region or service provider.

Sending messages

Tap ✉+, enter recipients, a subject, and a message, and then tap ➢.

Reading messages

Tap a message to read.



Camera

Launching Camera

Use this application to take photos or videos.

Tap **Camera** on the Apps screen. Alternatively, press and hold the Shutter button.

Use **Gallery** to view photos and videos taken with the device.

- The camera automatically shuts off when unused.
- Make sure that the lens is clean. Otherwise, the device may not work properly in some modes that require high resolutions.

Camera etiquette

- Do not take photos or videos of other people without their permission.
- Do not take photos or videos where legally prohibited.
- Do not take photos or videos in places where you may violate other people's privacy.

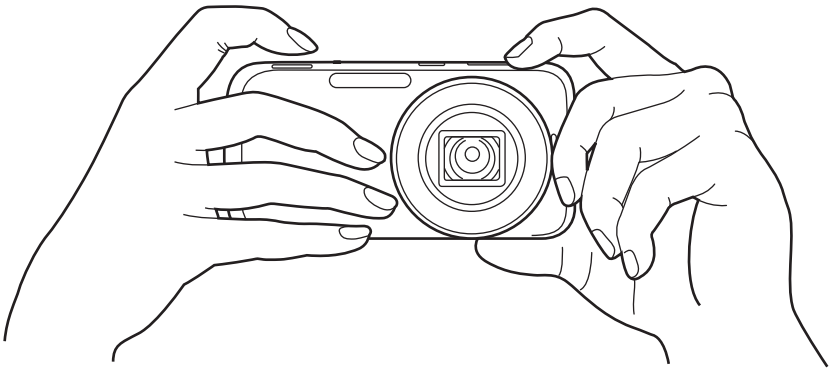
Launching Camera on the locked screen

To quickly take photos of special moments, launch **Camera** on the locked screen.

On the locked screen, drag outside the large circle.

If you launch **Camera** from the locked screen, you can only view the photos taken from the locked screen.

Holding the camera correctly

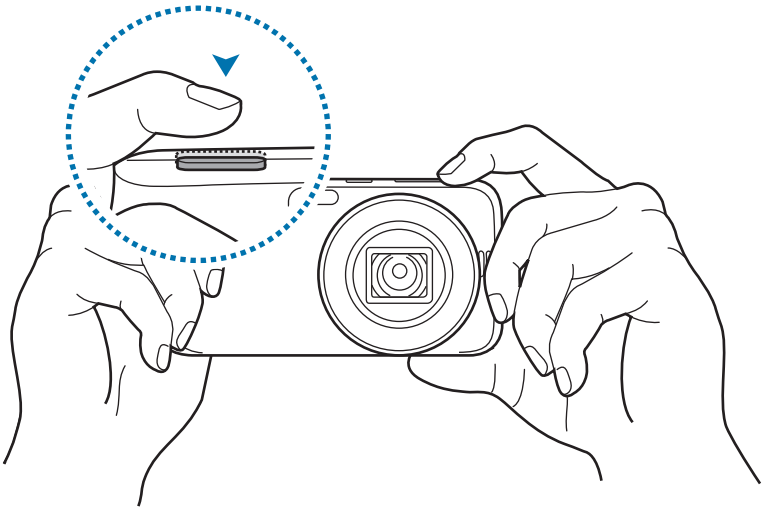


Make sure not to block the screen, lens, flash, or microphone.

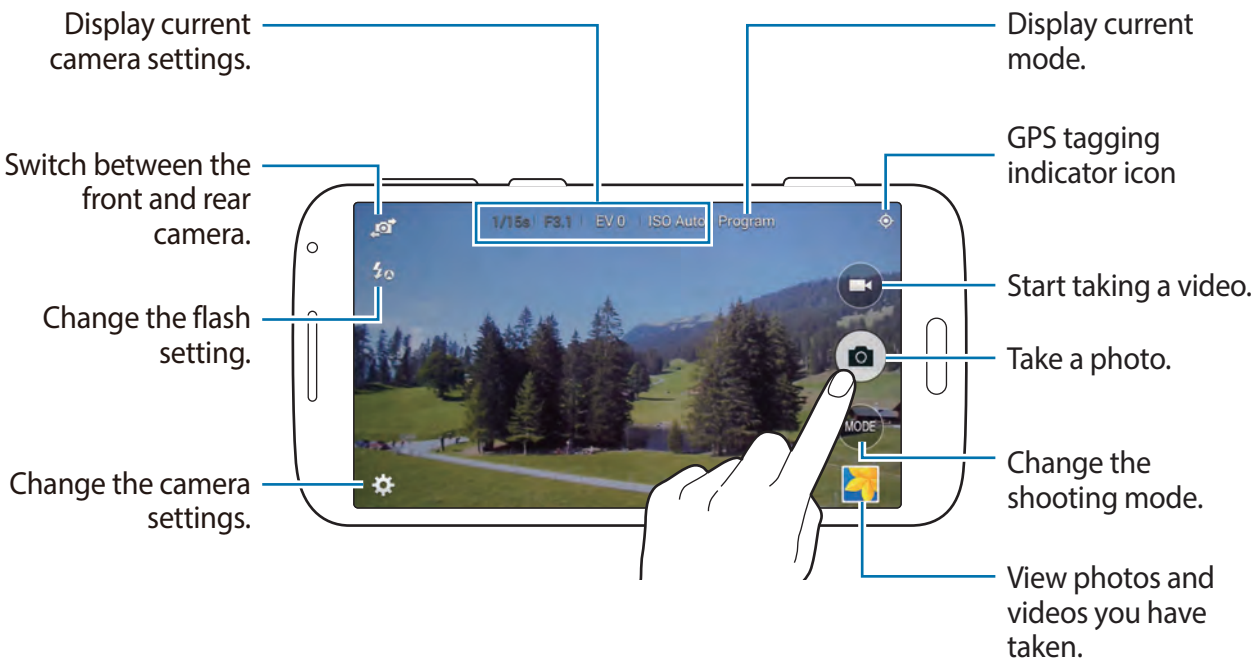
Make sure not to expose the lens to direct sunlight. This may discolour the image sensor, or cause it to malfunction.

Half-pressing the Shutter button

Press the Shutter button halfway down to adjust the focus. The camera adjusts the focus, exposure, and white balance automatically, and the focus frame turns green. The focus frame turns red if not focused.



Learning the preview screen



Learning icons

The icons displayed on the preview screen provide information about current shooting options and settings. The icons listed in the table below are the most common.

Icon	Meaning
1/15s	Shutter speed
F3.1	Aperture value
EV 0	Exposure value
ISO Auto	ISO sensitivity
	Timer
	Flash
	Macro
	Metering

Icon	Meaning
	White balance
	Continuous shooting
	Bracket mode
	Voice control
	Geotagging
	Remote viewfinder
	Photo Suggest

Taking photos

Half-press the Shutter button to focus on the subject. When the subject is in focus, the focus frame turns green. Press the Shutter button to take the photo.

Or, tap the image on the preview screen where the camera should focus. When the subject is in focus, the focus frame turns green. Tap to take the photo.

Taking videos

Tap ⊙ to take a video. To stop recording, tap ⊙.

While recording, tap where you want to focus to change the focus.

- To change the focus while taking a video, tap where you want to focus. To focus on the centre of the screen, tap ⊙.
- To capture an image from the video while recording, tap ⊙.

- You can record up to 10 minutes of 1080p video at 60 fps. You can record up to 25 minutes of video at lower settings.
- When using a memory card with a slow writing speed, the device may not be able to save the video properly. It may stop recording, or recorded video frames may become corrupted.
- Memory cards with slow writing speeds do not support high-resolution video. To record high-resolution video, use memory cards with faster writing speeds (micro SDHC Class10 or higher).
- The video frame size may appear smaller depending on video resolution and frame rate.
- If you set the optical image stabiliser(OIS) option, the optical image stabiliser(OIS) sound may be recorded.
- If the zoom function is activated when taking videos, the camera may record the noise of the zoom operating. To decrease zoom noise, activate the quiet zoom feature.
- If you change the shooting angle of the camera suddenly while taking a video, the camera may not be able to record images accurately.
- If you tap the screen to change the focus manually while taking a video, the touch sound may be recorded.
- To capture an image from the video while recording, tap ⊙. You can take up to six photos.

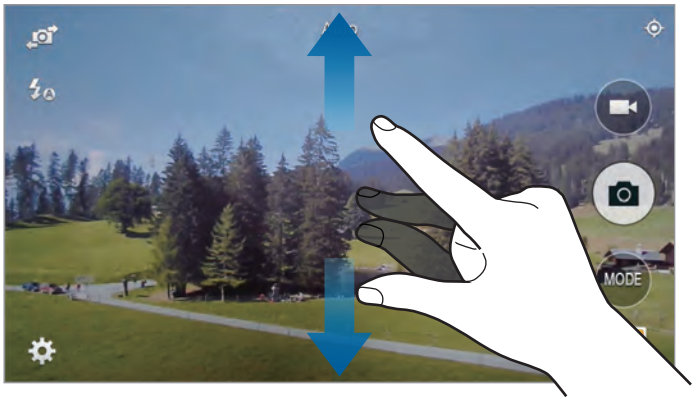
Viewing photos and videos

To view taken photos or videos, tap the gallery icon. Scroll left or right to view the next or previous image.

Zooming in and out

Use one of the following methods:

- Use the Volume button to zoom in or out.
- Spread two fingers apart on the screen to zoom in, and pinch to zoom out.

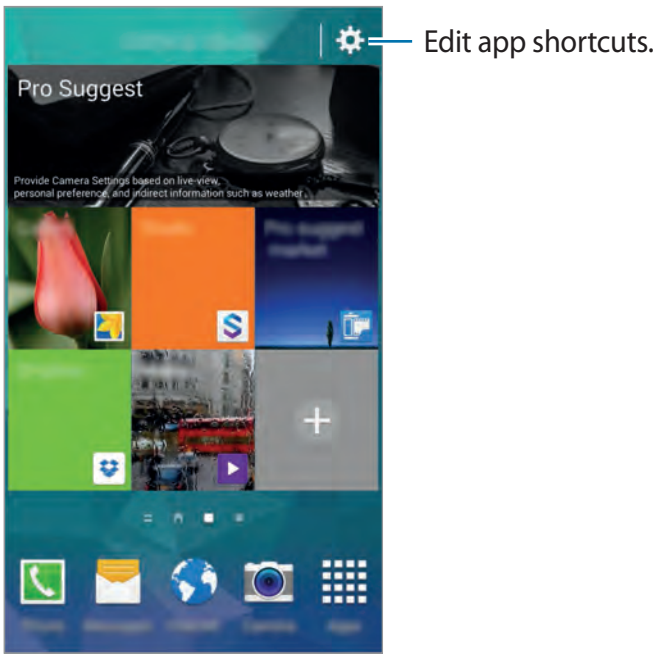


- The zoom in/out effect is available when using the zoom feature while shooting video.
- The zoom function is not available while shooting a video using the Multi motion feature.
- When using the zoom function, the lens moves back and forth to adjust the focus before it sets the precise zoom ratio that you intend to use.
- To maintain a natural view angle, the zoom ratio increases in larger increments as it gets higher.

Using the camera studio widget

You can access various camera-related apps in the **Camera Studio** widget.

On the Home screen, scroll left to view the widget.

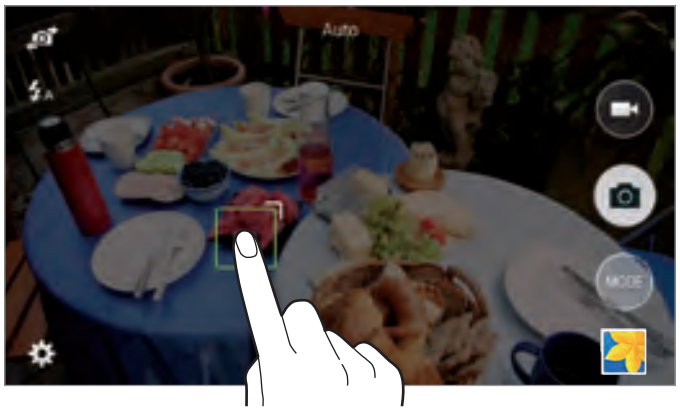


Separating the exposure area and the focus area

If bright light affects the contrast or the subject is outside the auto focus area, use this feature to achieve an appropriate exposure. You can separate the exposure and focus areas and select the exposure level you want for the subject.

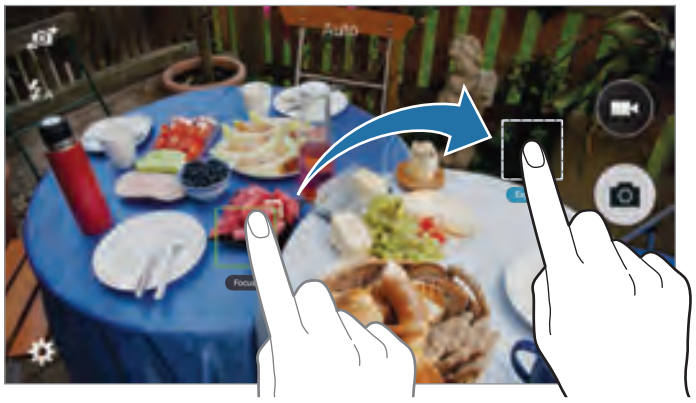
1 Tap the area to focus.

┐ will appear at the top right of the focus frame.



2 Drag ┐ to the exposure area.

When you touch ┐, the exposure area will be separated from the focus area.



Tap and hold each area to lock the focus or exposure setting.

Drag the areas together to merge the focus and exposure areas.

Before separating

After separating

Using the shooting mode

Various shooting modes are available with the camera. You can use then to customise your photos and videos.

On the Apps screen, tap **Camera** → **MODE**.

Tap **Manage mode** to select the shooting modes to appear on the mode selection screen.

- **Auto**: Use this to allow the camera to evaluate the surroundings and determine the ideal mode for the photo.
- **Program**: Use this to allow the camera to automatically adjust the shutter speed and aperture value so that an optimal exposure value can be achieved.
- **Manual**: Use this to adjust the shutter speed and aperture value manually.
- **Pro suggest**: Take photos with one of the automatically suggested smart modes or by applying pre-defined settings..
- **Beauty face**: Take a photo with lightened faces for gentler images.
- **Continuous shot**: Take a series of photos of moving subjects.
- **Kids shot**: Play a funny sound to get a kid's attention when shooting.
- **Selfie alarm**: Detect a face in a preset area and to take multiple photos automatically. You can then select the best photo.
- **Landscape**: Take photos of blue skies and landscapes with richer colours.
- **Dawn**: Take photos of the dawn sky in subtle colours.
- **Snow**: Take brighter photos of snow scenery.
- **Macro**: Take photos of very close subjects.
- **Food**: Take photos of food in more colourful tones.
- **Party/Indoor**: Take crisp indoor photos.
- **Action freeze**: Take photos of subjects moving at high speed.
- **HDR(Rich tone)**: Take photos without losing details in bright and dark areas.

- **Panorama**: Take a photo composed of many photos strung together. The device identifies the photo with in **Gallery**.

  To get the best shot, follow these tips.

  - Move the camera slowly in one direction.
  - Keep the camera's viewfinder within the guide frame.
  - Avoid taking photos of a subject in front of unrecognisable backgrounds, such as empty skies or plain walls.
- **Waterfall**: Take photos of waterfalls.
- **Animated photo**: Create a photo in which selected objects move by freezing or animating moving objects automatically detected by the camera.
- **Sound & shot**: Take a photo with sound.
- **Surround shot**: Take multiple shots of your immediate surroundings and combine them as a single spherical image.
- **Virtual tour shot**: Take photos of a space by moving the device and shooting from different angles to create a stereoscopic image. The device identifies the photo with in **Gallery**.
- **Silhouette**: Take photos of dark shapes against a light background.
- **Sunset**: Take photos of the sunset.
- **Night**: Take photos in low-light conditions, without using the flash.
- **Fireworks**: Take photos of fireworks.
- **Light trace**: Take photos of the light trailing in low-light conditions.
- **Shot & More**: Take a series of photos and apply various effects to them. The device identifies the photos with in **Gallery**.

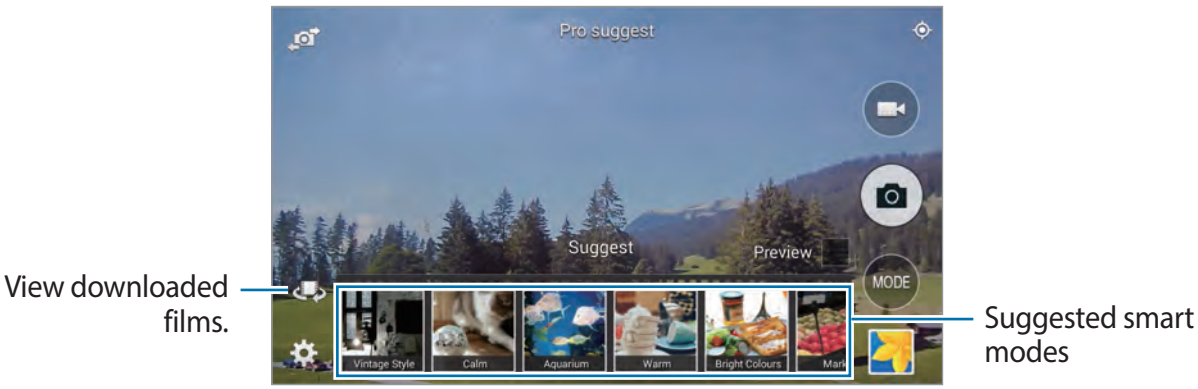
Using Pro suggest mode

Use this mode to take photos with one of the automatically suggested smart modes or by applying pre-defined image settings. Image settings can be combined in a film and then applied to shots when you shoot them. You can download various films or upload your own films.

1 Tap **Camera** on the Apps screen.

2 Tap **MODE** → **Pro suggest**.

3 Select a mode or film.



4 Press the Shutter button.

- If you set the current time manually, mode suggestions may not be proper.
- To use this feature, read and agree to terms and conditions.

Managing films

Download various films or upload your own films. You can also arrange films by ranking or category, view recently uploaded films, or create your own films.

On the Apps screen, tap **Pro suggest market** → **Pro suggest film**.

- To create a film, tap .
- To search for films, tap .
- To access additional options, tap .

Viewing shooting guides

To view photos taken by others and tips about taking the photos, on the Apps screen, tap **Pro suggest market** → **Pro suggest guide**.

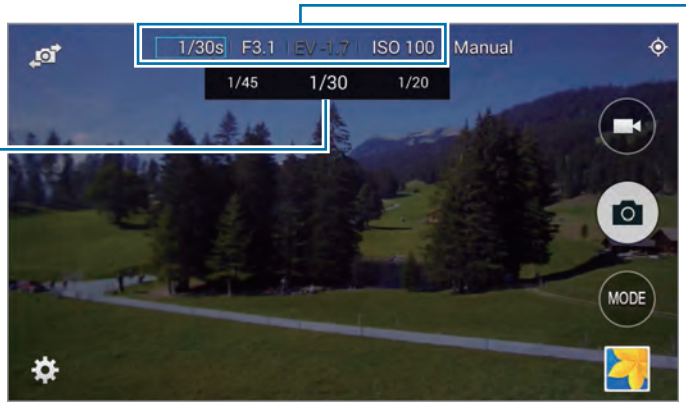
Using Manual mode

This mode lets you adjust the shutter speed and aperture value manually. In this mode, you can fully control the exposure of your photos. This mode is useful in controlled shooting environments, such as a studio, or when it is necessary to fine-tune camera settings. This mode is also recommended for shooting night scenes or fireworks.

1 Tap **Camera** on the Apps screen.

2 Tap **MODE** → **Manual**.

3 Set the desired shooting options.



- If you set a high ISO value or open the shutter for a long time, image noise may increase.
- The longer you open the shutter, the longer it takes to save a photo. Do not turn the camera off while the camera saves a photo.
- You can select one of two different aperture values. Available values vary depending on the zoom ratio.

Using Selfie alarm mode

Use this to detect a face in a preset area and to take multiple photos automatically. You can then select the best photo.

1 Tap **Camera** on the Apps screen.

2 Tap **MODE** → **Selfie alarm**.

3 Drag the frame to set a detection area.

4 Compose your shot with the lens facing you.

5 Listen to the beeps to guide you as you adjust the composition.

When a face is completely inside the detection area, the camera emits a warning tone, beeps for two seconds, and then automatically takes multiple photos.

6 Select the best photo, and then tap 🖫.

Using HDR(Rich tone) mode

Take photos with rich colours and reproduce details even in bright and dark areas.

On the Apps screen, tap **Camera** → **MODE** → **HDR(Rich tone)**, and then take a photo.

Without effect

With effect

Tap ⚙ → **Save as** to save one HDR photo or two photos (one with the HDR effect and one with the regular exposure).

Using Animated photo mode

Use this to create a photo in which selected objects move by freezing or animating moving objects automatically detected by the camera.

1 Tap **Camera** on the Apps screen.

2 Tap **MODE** → **Animated photo.**

3 Press the Shutter button to take a photo.

4 Tap ⟳ or ⟲, and then rub the screen to animate or freeze the detected moving objects.

5 Tap **Trim** to adjust the range to trim.

6 Tap **Direction** to change the direction of the animation.

7 Tap 💾 to save the photo.

Using Surround shot mode

Use this mode to take multiple shots of your immediate surroundings and combine them as a single spherical image.

1 Tap **Camera** on the Apps screen.

2 Tap **MODE** → **Surround shot**.

A target pointer appears on the screen.

3 Move the device to locate the target pointer to the area where you want to the first shot.

4 Hold the target pointer inside the circle on the preview screen until you take the first shot.

5 To take another shot, locate the next target pointer and position it inside the circle again. You can view the position of the photos you have taken on the sphere at the bottom left of the screen.

6 To stop shooting, tap ■ to finish taking photo.

Using virtual tour mode

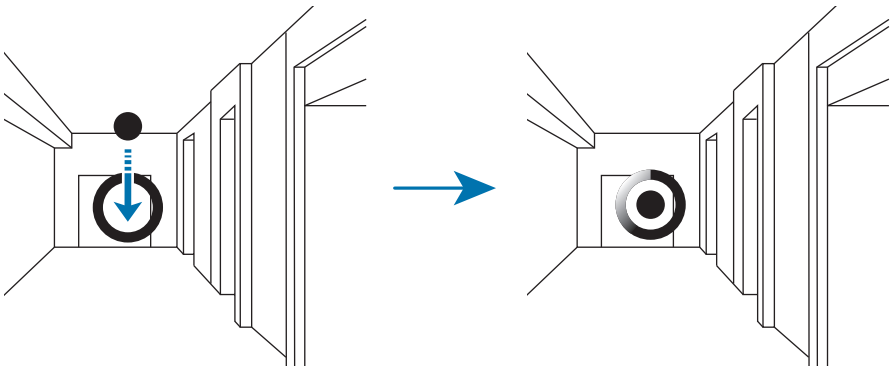
About virtual tour mode

Use this shooting mode to take photos in a space by moving forwards, and rotating left or right. Photos of the space are taken from different angles. You can view the photos in a slideshow and simulate actually moving through the space.

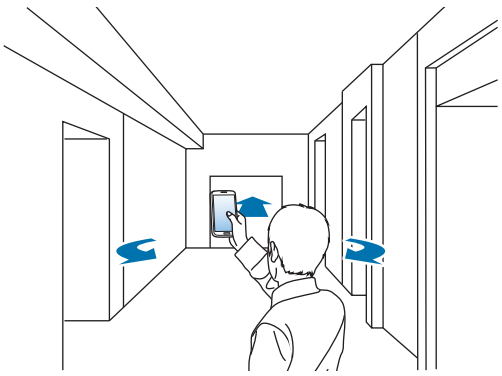
1 Tap **Camera** on the Apps screen.

2 Tap **MODE** → **Virtual tour shot**.

3 Move with the device to position the dot inside the large circle in the centre of the preview screen. The device detects when you stop and starts to take photos from that position in the space.



4 Move slowly forwards, and rotate left or right while taking photos. Whenever the dot is inside the large circle, the device takes a photo automatically.



5 Move with the device slowly in the direction of the arrow. When the small circle is in the centre of the large circle, the device starts taking photos. Repeat this action to take more photos.

To see a preview of the photo, tap 〉 at the bottom left of the screen. The direction where images were taken is displayed on each preview thumbnail.

To delete the last photo that was taken, tap **Undo**.

6 To finish, tap ■.

Viewing photos

View a series of photos taken from different locations and directions.

1 On the Apps screen, tap **Gallery**.

2 Select an image with the icon on the image thumbnail.

Using shot & more mode

Use this mode to take a series of photos and modify them by applying various effects using the shooting modes.

The zoom function is not available while taking photos in this mode.

1 Tap **Camera** on the Apps screen.

2 Tap **MODE** → **Shot & more**.

3 Press the Shutter button.

The device takes a series of photos and displays the available shooting modes.

4 Select a shooting mode and apply an effect to the photos.

- **Best photo**: Take a series of photos and save the best one. To view other photos in the series, scroll left or right. The device recommends the best photo and identifies it with .
- **Best face**: Take multiple group shots at the same time and combine them to create the best possible image. Tap the white frame on each face and choose the best individual pose for each subject from the poses that appear at the bottom of the screen. Then, merge the images into a single photo. The device recommends the best photo and identifies it with .
- **Eraser**: Erase moving objects in the background. Tap to erase moving objects. Tap to restore the original photo.
- **Drama**: Take a series of photos and combine them to create an image that shows motion trails.
- **Panning shot**: Apply an effect to the subject's background that makes the subject appear to be moving fast. Tap **Object** to select a subject. Tap **Motion blur** to change the angle of blurring to apply to the background. Tap and draw a circle with your finger around the large circle to adjust the angle of blurring. To adjust the level of background blurring, drag the screen to the left or the right.

5 Tap .

Configuring settings

On the Apps screen, tap **Camera** → ⚙. Not all of the following options are available in both still camera and video camera modes. The available options vary depending on the mode used.

- **Shutter speed**: Adjust the shutter speed to capture photos of fast-moving subjects or create tracer effects in a photo.
- **Aperture**: Adjust the aperture value to take portraits, flowers, or landscape shots.
- **EV (brightness)**: If the exposure set by the camera is higher or lower than you expected, you can adjust the exposure value manually.
- **ISO (sensitivity)**: The ISO sensitivity value represents the sensitivity of the camera to light. The higher the ISO sensitivity, the more sensitive the camera is to light. Consequently, by selecting a higher ISO sensitivity, you can take photos in dim or dark places at faster shutter speeds. However, this may increase electronic noise and result in a grainy photo.
- **WB (light source)**: Select an appropriate white balance, so images have a true-to-life colour range.
- **Flash**: To take a realistic photo of a subject, the amount of light should be constant. When the light source varies, you can use a flash and supply a constant amount of light.
- **Focus mode**: Use this option to select a focus mode appropriate to the subject.
- **Drive mode**: Use this option to set the shooting method. Continuous shots are recommended for shooting the rapid motion of fast moving subjects, such as racing cars.
- **Timer**: Use this option for delayed-time shots.
- **One touch shot**: Tap the subject on the preview screen to take photos.
- **Save as**: Use this to save one HDR photo or two photos (one with the HDR effect and one with the regular exposure).
- **Focus area**: Use this option to change the positions of the focus area.
- **Face detection**: Set the device to recognise people's faces and help you take photos of them.
- **Photo size**: Select a resolution. Use higher resolution for higher quality. But it takes up more memory.

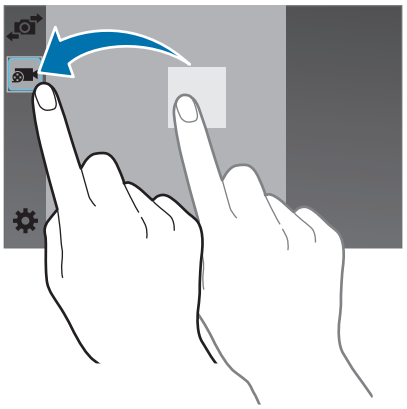
- **Quality**: Use this option to select a higher photo quality for better photos. Selecting a higher photo quality also increases the file size.
- **Auto contrast**: Use this option to improve contrast automatically in photos with backlit subjects or high contrast between subjects and backgrounds.
- **Metering**: Select a metering method. This determines how light values are calculated.
  - **Multi** averages the entire scene.
  - **Spot** measures the light value at a specific location.
  - **Center-weighted** measures background light in the centre of the scene.
- **Adjust image**: Use this option to adjust the colour, saturation, sharpness, or contrast of your photos.
- **OIS(anti-shake)**: Use the Optical Image Stabiliser (OIS) option to reduce or eliminate blurriness from camera shake.
- **Effects**: Use the filter effects to take unique photos or videos.
- **Signature**: Use this option to add your signature to an image.
- **Photo Suggest**: Use this application to view photos taken by other users of points of interest near your current location.
- **Voice control**: Activate or deactivate the voice recognition to take photos or videos. Tap ⚙ → . Say a shooting command, such as Smile, Cheese, or Record video.
- **Movie size**: Select a resolution for videos. Use higher resolution for higher quality. Higher resolution videos take up more memory.
- **Multi motion**: Set the playback speed of videos.
- **Sound**: Use this to decrease noises made by the device or mute sound when taking videos.
- **Windcut**: Remove wind noise from a recording.
- **Remote viewfinder**: Set a device to control the camera remotely.
- **Help**: Access help information for using the camera.

Reorganising camera shortcuts

1 On the Apps screen, tap **Camera** → ⚙.

2 Tap and hold an item and drag it to a slot at the left of the screen.

You can reorganise camera shortcuts for fast and easy access on the preview screen.



Shutter speed

Shutter speed refers to the amount of time it takes to open and close the shutter. Adjust the shutter speed to capture photos of fast-moving subjects or create tracer effects in a photo.

Tap ⚙, and then rotate the **Shutter speed** dial to adjust the shutter speed.

Aperture

The size of the aperture is represented by a value known as an "F-number." The smaller the f-number, the greater the size of the aperture. Adjust the aperture value to take portraits, flowers, or landscape shots.

Tap ⚙, and then rotate the **Aperture** dial to adjust the aperture value.

EV (brightness)

The camera automatically sets the exposure by measuring the levels of light from the photo's composition and the position of a subject. If the exposure set by the camera is higher or lower than you expected, you can adjust the exposure value manually.

Tap ⚙, and then rotate the **EV** dial to adjust the exposure value.

Darker (-)

Neutral (0)

Brighter (+)

- When taking a photo, if the appropriate exposure value cannot be decided, use the **AE BKT** option to take three consecutive photos with different exposure values.
- Taking photos with higher exposure values may result in blurry photos due to the slower shutter speed.

WB (light source)

The White balance represents the light source that influences on the colour of a photo.

The colour of a photo depends on the type and quality of the light source. If you want the colour of your photo to be realistic, select an appropriate lighting condition to calibrate the white balance, or adjust the colour temperature manually. You can also adjust colour for the preset light sources so that the colours of the photo match the actual scene under mixed lighting conditions.

Tap ⚙ → **WB (light source)**, and select an option.

- **Custom**: Use this to set a customised white balance for the lighting conditions of your photo. You can appropriately adjust your colours for the actual scene. Tap 〉, aim the lens at a piece of white surface, and then press the Shutter button.
- **K**: Use this to manually adjust the colour temperature of the light source. Colour temperature is a measurement in degrees Kelvin that indicates the specific type of light source. You can get a warmer photo with a higher value, and a cooler photo with a lower value. Tap 〉, and then drag the slider or tap ⊞ or ⊟ to adjust the colour temperature.

Drive mode

Use this option to set the shooting method. Continuous shots are recommended for shooting the rapid motion of fast moving subjects, such as racing cars.

Tap ⚙ → **Drive mode**, and select an option.

- Saving photos may take longer depending on the memory card's capacity and performance when taking photos continuously.
- Prevent the camera from shaking when taking photos continuously.

Face detection

Detecting faces

The camera automatically detects up to 10 human faces in one scene.

Tap ⚙ → **Face detection** → **Normal**.

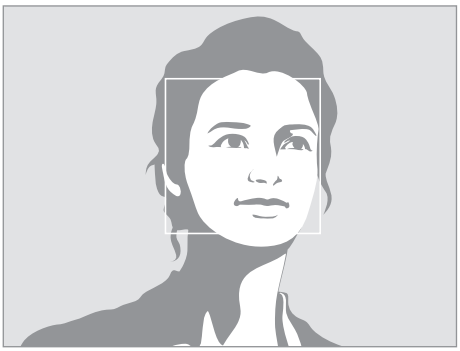
Aim the camera at a human subject. The camera automatically focuses on their face and displays a yellow frame around it. Press the Shutter button to take a photo.

Taking a smile shot

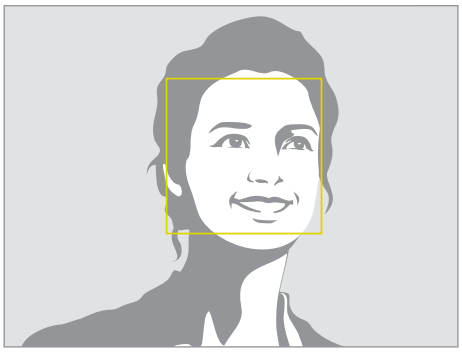
The camera automatically detects a smiling face, and releases the shutter.

Tap ⚙ → **Face detection** → **Smile shot**.

Aim the camera at a human subject, and press the Shutter button. When the camera detects a smiling face, the camera automatically takes the photo.



Face detected



Smile detected

Detecting eye blinking

The camera takes three photos of a person in succession and saves a photo in which the person's eyes are open.

Tap ⚙ → **Face detection** → **Blink detection**.

Aim the camera at a human subject, and press the Shutter button. The camera takes three photos of a person in succession and saves a photo in which the person's eyes are open. If the person's eyes are closed in all the three photos, the camera asks you whether to save one photo.

OIS(anti-shake)

Use the Optical Image Stabiliser (OIS) feature to reduce or eliminate blurriness from camera shake.

Tap ⚙ → **OIS (anti-shake)**.

Before correction

After correction

- This feature may not function properly in the following conditions:
  - When you move the camera to follow a moving subject.
  - If the camera is shaking too much.
  - When the shutter speed is slow (for example, when taking photos in low-light conditions).
  - If the battery power is low.
  - When you take close-up photos.
- The display may be blurry if the camera is hit or dropped. When this happens, restart the device.

Tracking AF

Track your subject, even when the subject is moving or when you change the shooting composition.

Tap ⚙ → **Focus area** → **Tracking AF**, and select a subject.

- Tracking a subject may fail in the following conditions:
  - The subject is too small.
  - The subject moves excessively.
  - The subject is backlit or you are shooting in a dark place.
  - Colours or patterns on the subject and the background are the same.
  - The subject includes horizontal patterns, such as blinds.
  - The camera shakes excessively.
- If the camera fails to track the subject, the focus area will be reset.
- If the camera fails to focus, the focus frame will change to red and the focus will be reset.

Configuring general settings

On the Apps screen, tap **Camera** → ⚙ → ⌄.

- **Camera function volume**: Adjust the volume level for camera function sounds.
- **Beep**: Activate or deactivate beep sounds.
- **Guidelines**: Display viewfinder guides to help composition when selecting subjects.
- **Auto screen off**: Set the length of time the device waits before turning off the display's backlight.
- **Review**: Briefly display photos or videos taken.
- **Date/time Imprint**: Use this to imprint the time and date on photos.
- **GPS tag**: Attach a GPS location tag to the photo.

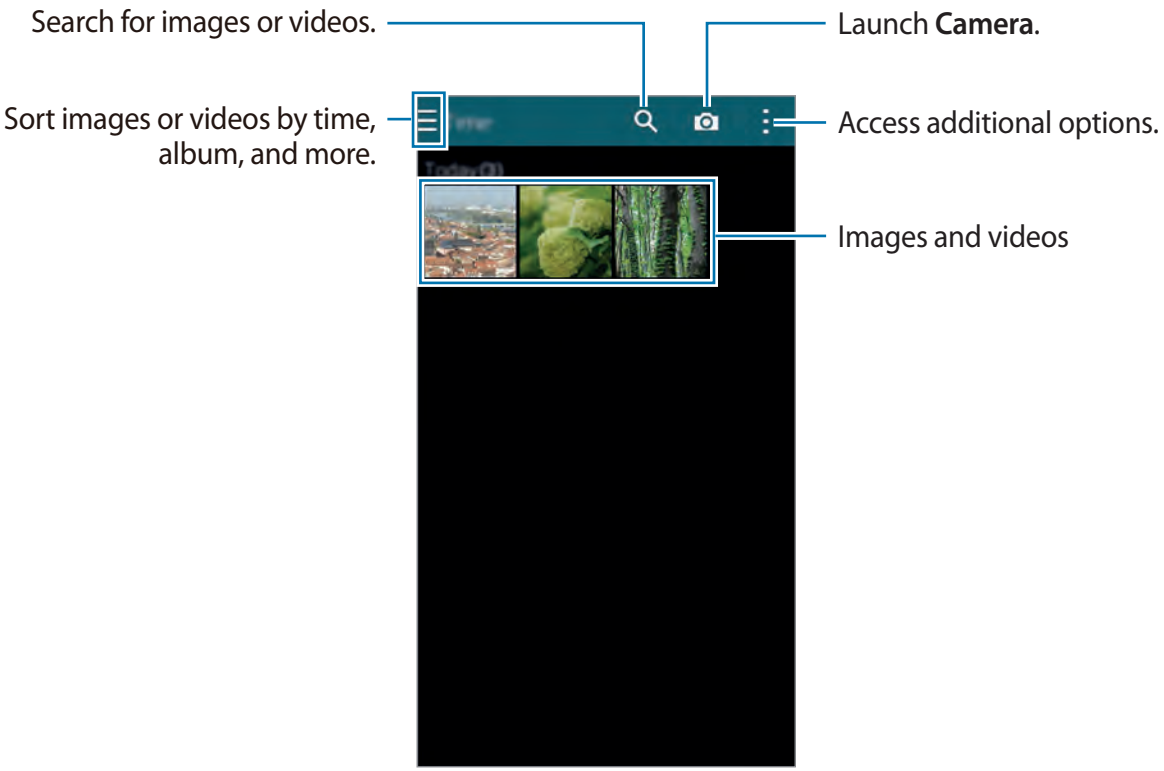
- To improve GPS signals, avoid shooting in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions.
- Your location may appear on your photos when you upload them to the Internet. To avoid this, deactivate the GPS tag setting.

- **AF lamp**: Use this to activate the AF-assist light in low-light conditions
- **Start mode**: Select the shooting mode to use when the camera turns on.
- **Storage**: Select the memory location for storage.
- **Reset**: Reset the camera settings

Gallery

Viewing content on the device

1 Tap **Gallery** on the Apps screen.



2 Select an image.

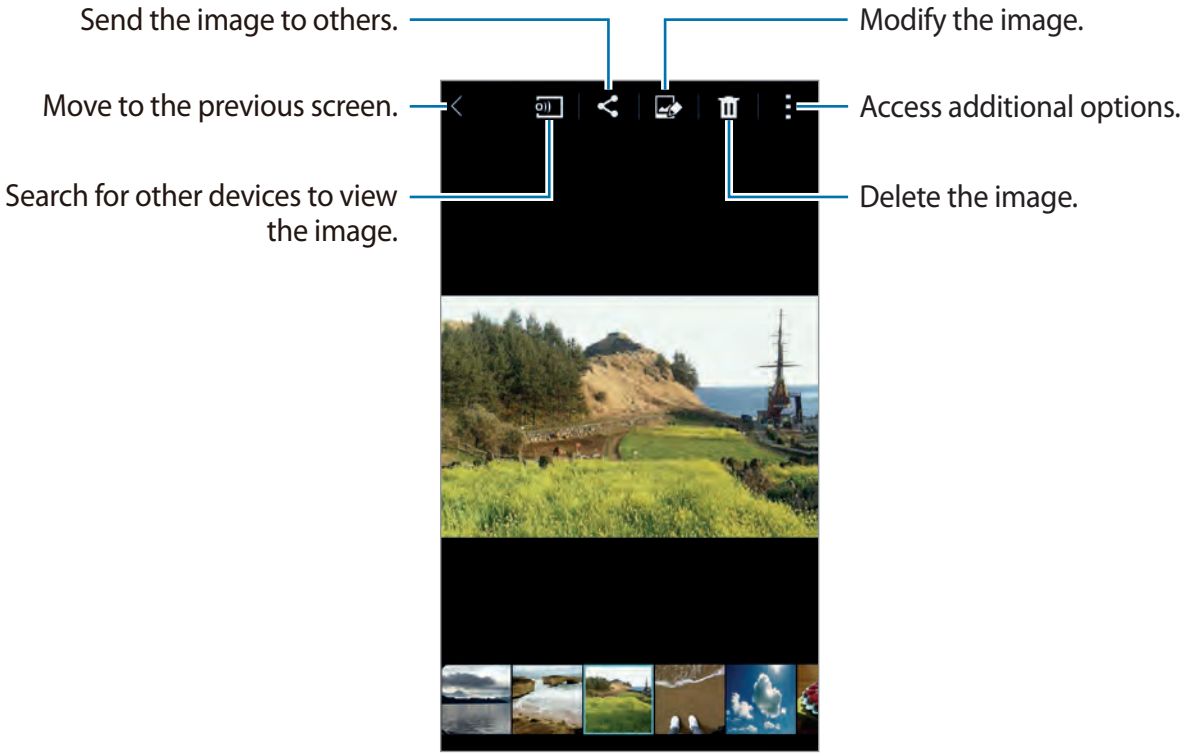
- Selecting multiple images:

  When you tap and hold an image, ✓ appears on the image. Then, tap images to select more.

- Selecting all images:

  When you tap and hold an image, ✓ appears on the image. Then, tap **1 selected** → **Select all**.

3 Select an option.



Viewing content stored on other devices

You can view content stored on other devices if the devices are registered with Samsung Link. Sign in to your Samsung account to view a list of other devices that have content available to view. Ensure that the registered devices are turned on and connected to a Wi-Fi or mobile network. Visit link.samsung.com for more information.

You may incur additional charges when you view content stored on other devices via the mobile network. To avoid additional charges, use the Wi-Fi feature.

Tap ☰, select a device under **CONNECTED DEVICES**, and then select content.

Accessing additional options

Use additional options, such as sorting content, viewing slideshows, and more.

On the Apps screen, tap **Gallery** → ⋮, and then use the following options:

- **Select**: Select images or videos.
- **Delete**: Delete images.
- **Sort by oldest**: Sort the oldest images and videos on the device.
- **Create album**: Create a new album.
- **Content to display**: Select the images or videos to display.
- **Slideshow**: Start a slideshow with the images in the current folder.
- **Studio**: Edit images or videos in studio mode.
- **Settings**: Change the Gallery settings.
- **Help**: Access help information for Gallery.

Tagging faces

Register the faces in the image as face tags.

1 Tap **Gallery** on the Apps screen.

2 Tap ⋮ → **Settings**, and then tick **Face tag**.

A white frame appears around the recognised face.

3 Tap the face and tap **Add name**.

4 Select or add a contact to the tag, and then tap **Done**.

When the face tag appears on an image, tap the face tag and use available options, such as making calls or sending messages.

Face recognition success depends on the face's angle, size, skin colour and facial expression. Also, it depends on the light conditions and the accessories that the subject is wearing.

Using Tag buddy

Tag buddy allows you to tag photos with information, such as locations, person's names, and dates.

To activate Tag buddy, on the Apps screen, tap **Gallery** → ⋮ → **Settings** → **Tag buddy**, and then drag the **Tag buddy** switch to the right.

Select from the following tag options:

- **Date**: Add the time and date. The tagged information is based on the date and time currently-set on the device.
- **Location**: Add location details to photos that you take. Before using this feature, activate the GPS feature in **Camera**.
- **Category**: Assign categories to images. The device assigns categories to the images automatically.
- **Tags**: Add tags to display on photos. You can also tag people's faces by using the Face tag setting. Refer to Tagging faces for details.

You can edit the information entered using Tag buddy. While viewing an image with tags, tap the tag information at the bottom of the screen. Then, tap ✎, edit details, and then tap **Done**.

Studio

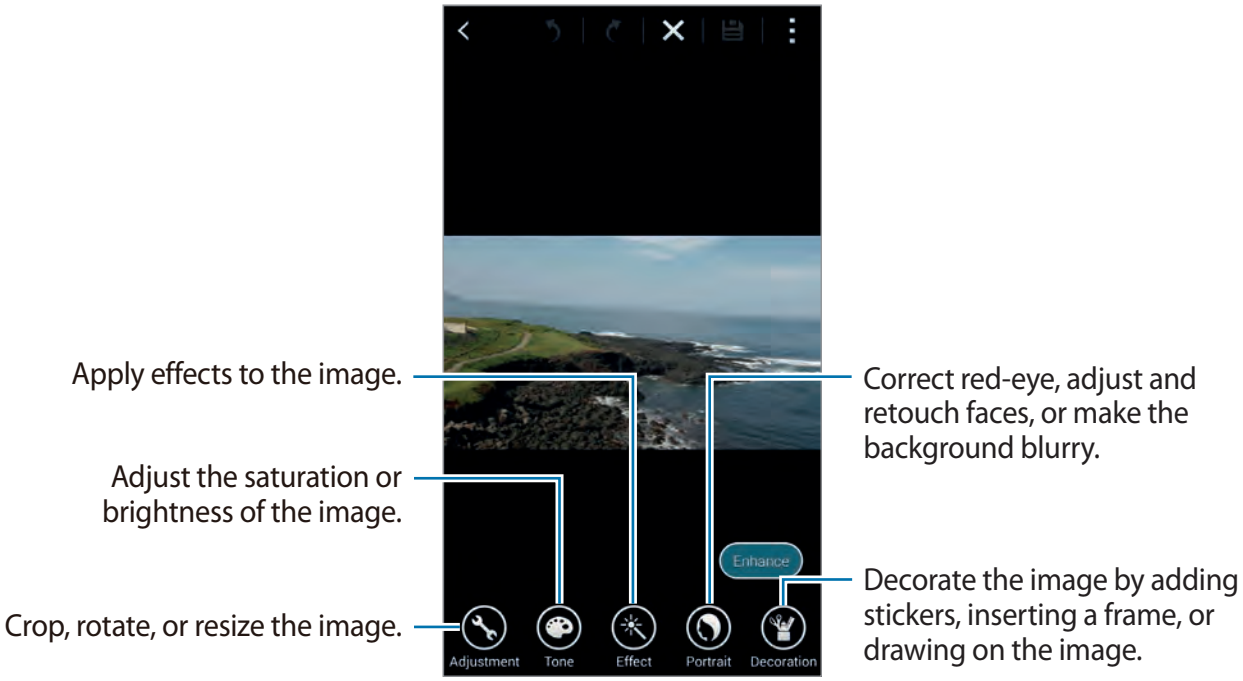
Using Photo studio

Edit images by applying various effects.

1 Tap **Studio** on the Apps screen.

2 Tap **Photo studio**, and then select an image.

3 Edit the image by applying various effects.



4 Tap **Done** → 🖫.

5 Select a save option and tap **OK**.

The edited photo is saved in the **Studio** folder. To open the folder, tap **Gallery** → ☰ → **Album** → **Studio**.

Using Collage studio

Combine several images together to create a collage.

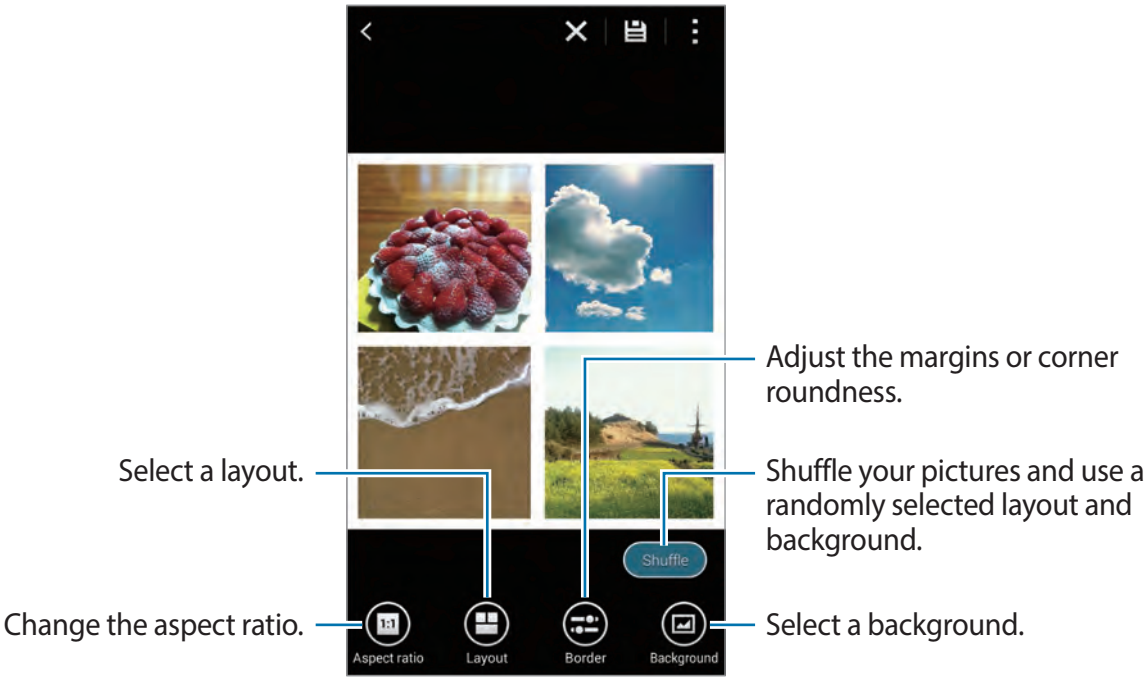
1 Tap **Studio** on the Apps screen.

2 Tap **Collage studio**.

3 Select images to combine and tap **Done**.

You can select up to six images.

4 Edit the image by applying various effects.



5 Tap 🖫.

6 Select a save option and tap **OK**.

The edited image is saved in the Studio folder. To open the folder, tap **Gallery** → ☰ → **Album** → **Studio**.

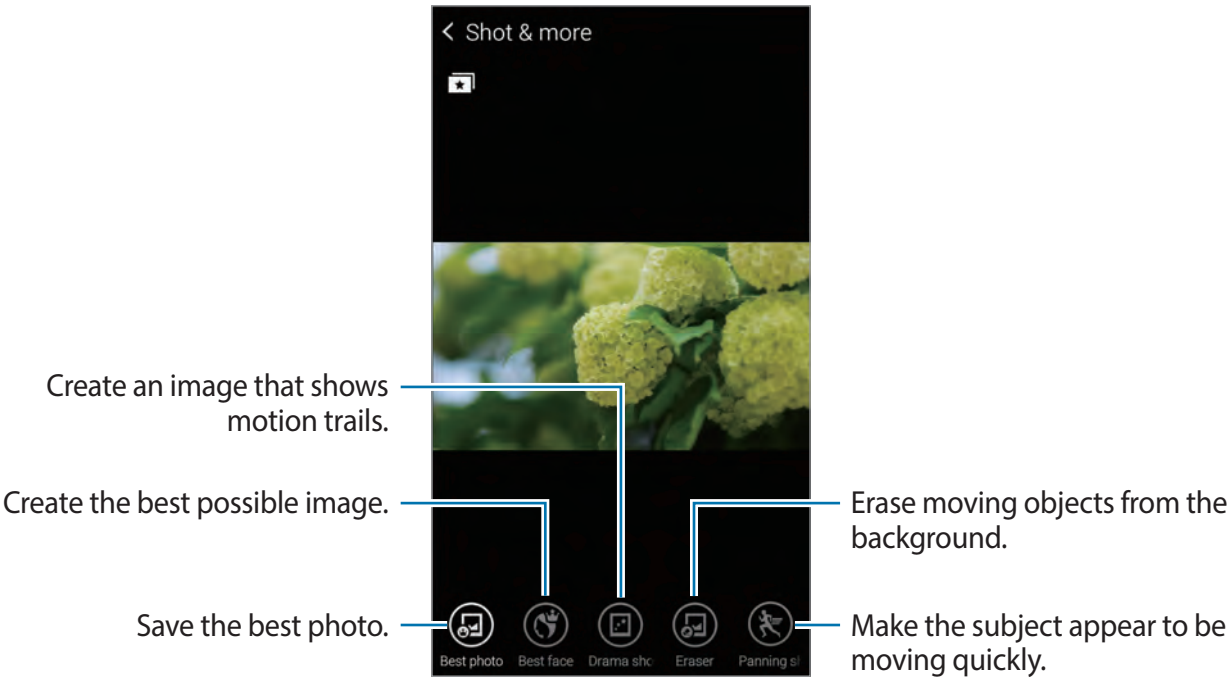
Using Shot & more

Apply various effects to the images you have taken.

1 Tap **Studio** on the Apps screen.

2 Tap **Shot & more**, and then select an image.

3 Edit the image by applying various effects.



4 Tap 🖫.

The edited image is saved in the Studio folder. To open the folder, tap **Gallery** → ☰ → **Album** → **Studio**.

Using Video clip studio

Edit or create videos with multiple images.

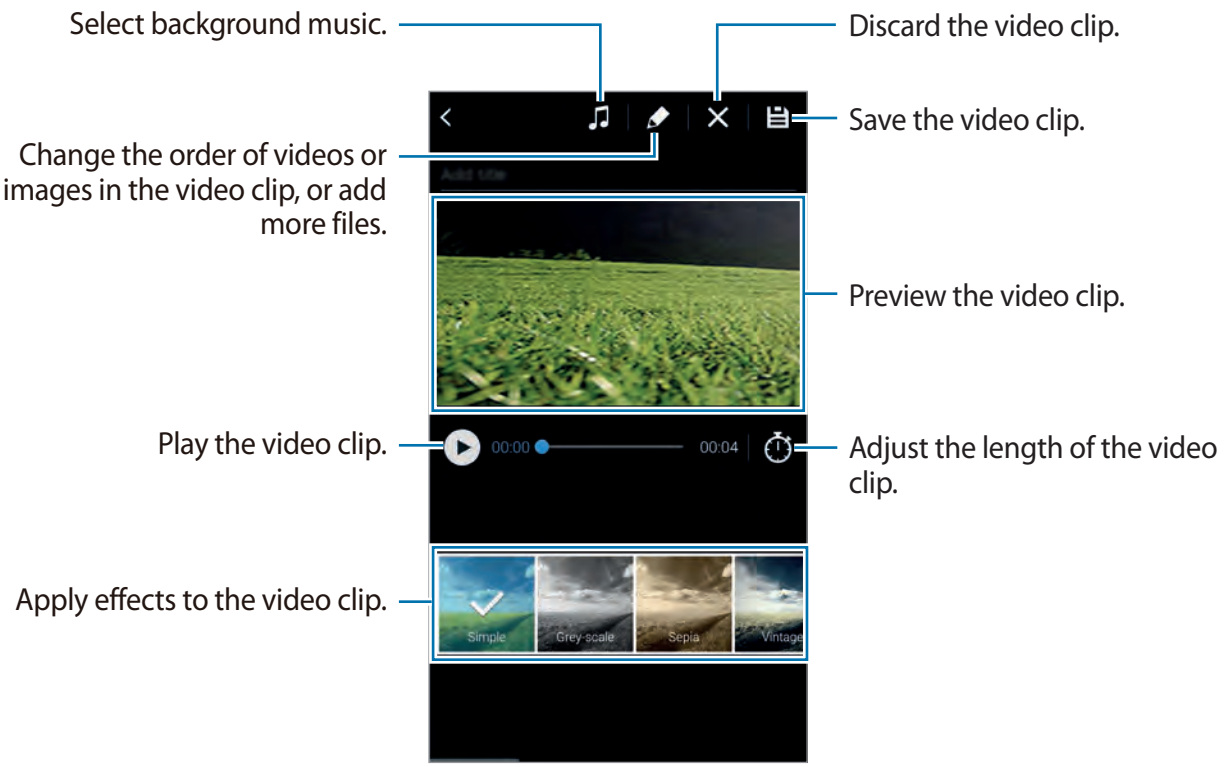
1 Tap **Studio** on the Apps screen.

2 Tap **Video clip studio**.

3 Select videos to edit and tap **Done**.

You can also select images to create a video.

4 Edit the video by applying various effects.



5 Tap 🖫.

6 Select a save option and tap **Done**.

The edited video is saved in the **Studio** folder. To open the folder, tap **Gallery** → ☰ → **Album** → **Studio**.

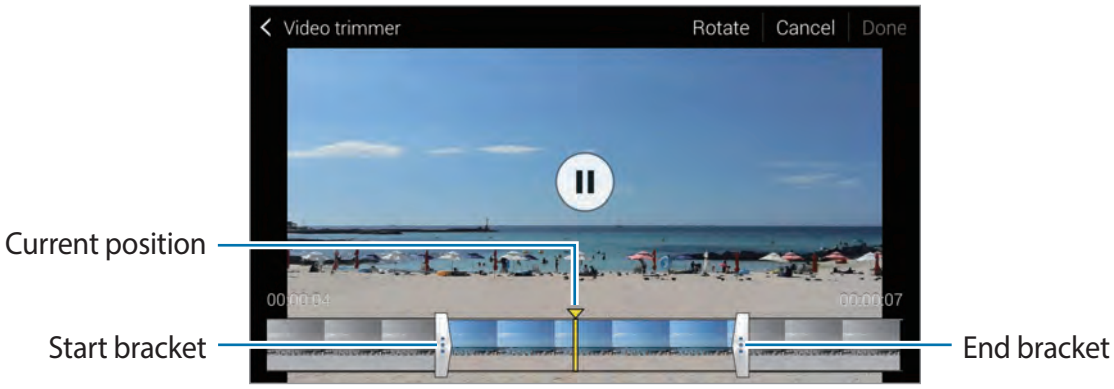
Using Video trimmer

Trim video segments.

1 Tap **Studio** on the Apps screen.

2 Tap **Video trimmer**, and then select a video.

3 Move the start bracket to the desired starting point, move the end bracket to the desired ending point, tap **Done**.



4 Enter a filename, and then tap **OK** to save the video.

Internet & SNS

Internet

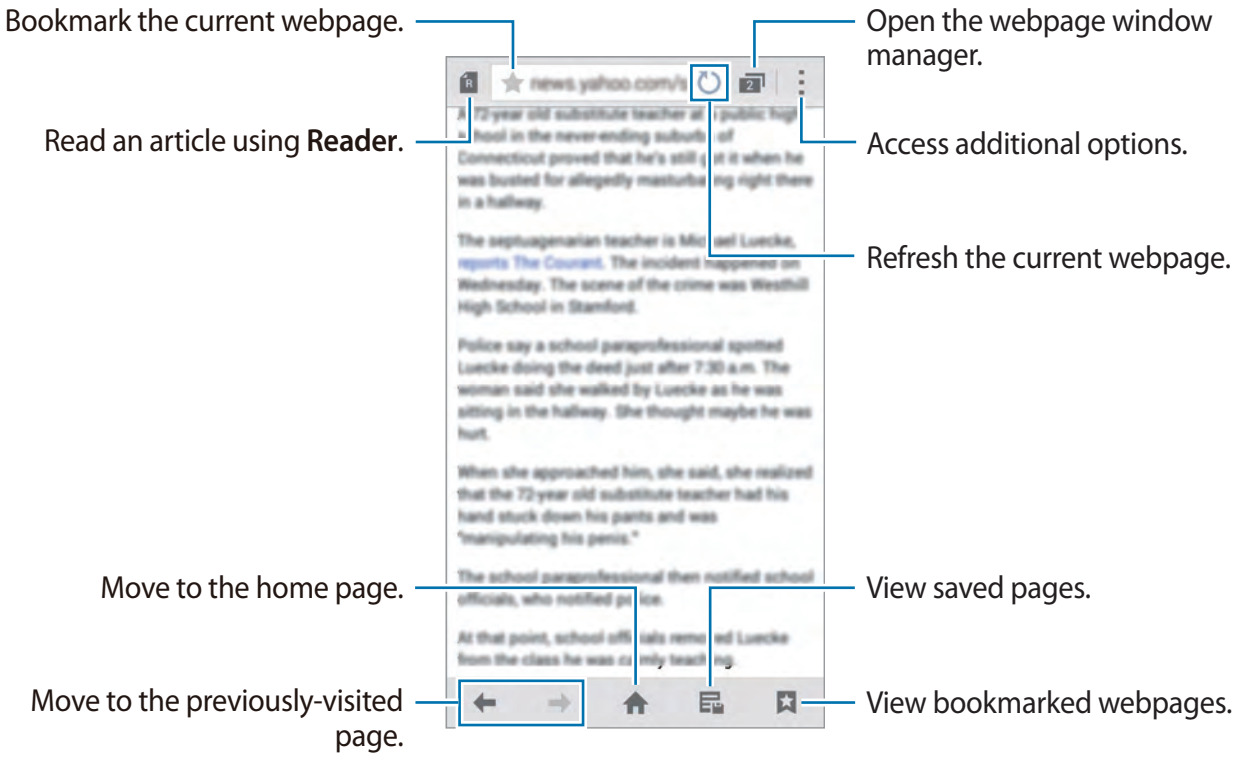
Browsing webpages

1 Tap **Internet** on the Apps screen.

2 Tap the address field. To change the search engine, tap the search engine icon next to the web address field.

3 Enter the web address or a keyword, and then tap **Go**. To search the web by voice, tap .

To view the toolbars, drag your finger downwards slightly on the screen.



Managing favourite webpages

You can set frequently-used webpages as favourite pages and then access them quickly.

Tap **Internet** on the Apps screen.

Tap ⌂ to view the quick access list.

To add a webpage to the quick access list while viewing a webpage, tap ⋮ → **Add to Quick access**.

To delete a webpage from the quick access list, tap and hold a webpage icon, and then drag it to **Delete** that appears at the top of the screen.

Managing the webpage history

Tap **Internet** on the Apps screen.

Tap ☆ → **History** to open a webpage from the list of recently-visited webpages.

To clear the history, tap ⋮ → **Clear history**.

To delete webpages in the history, tap ⋮ → **Delete**, select webpages to delete, and then tap **Done**.

Chrome

Use this app to search for information and browse webpages.

Tap **Chrome** on the Apps screen.

This app may not be available depending on the region or service provider.

Tap the address field, enter the web address or a keyword, and then tap **Go**.

Hangouts

Use this app to chat and socialise with your friends individually or in groups.

Tap **Hangouts** on the Apps screen.

This app may not be available depending on the region or service provider.

Select a friend from the friends list or enter data to search and select a friend from the results to start chatting.

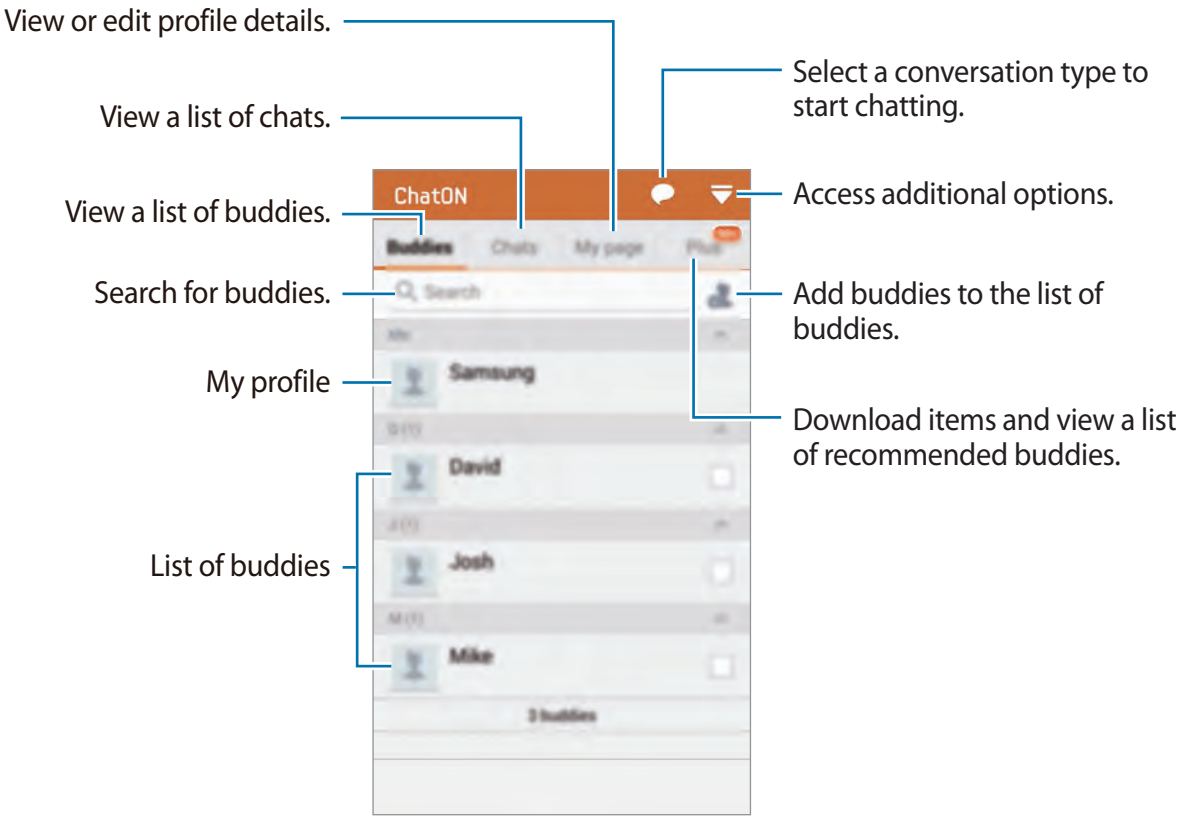
ChatON

Use this app to chat and socialise with your friends individually or in groups. When you sign in to your Samsung account, you can view all your chat history sent from registered devices.

Tap **ChatON** on the Apps screen.

This app may not be available depending on the region or service provider.

Follow the on-screen instructions to complete the setup.



Chatting with buddies

Tap ● → **Start chat**, and then select a buddy to start chatting with. Then, enter a message in the text field and tap ➡.

To send a broadcast message, tap ● → **Broadcast**.

To start voice or video chat, tap ● → **ChatON Voice Chat** or **ChatON Video Chat**.

Video chatting with dual camera mode will be provided for up to 3 minutes. After 3 minutes the device will turn off the rear camera for optimal performance.

Voice features

S Voice

About S Voice

Use this app to command the device by voice to perform various features.

Tap **S Voice** on the Apps screen. Alternatively, press the Home button twice.

To deactivate the access by pressing the Home button, tap ⋮ → **Settings**, and then deselect **Open via the home key**.

This app may not be available depending on the region or service provider.

Setting the language

Tap ⋮ → **Settings** → **Language**, and then select a language.

The selected language is applied to **S Voice** only, not to the device's display language.

Using S Voice

When you launch **S Voice**, the device starts voice recognition and the microphone icon turns red.

Say a voice command.

If you say a command and the device recognises it, the microphone icon at the bottom of the screen flashes green. Then, the device performs the command.

Tips for better voice recognition:

- Speak clearly.
- Speak in quiet places.
- Do not use offensive or slang words.
- Avoid speaking in dialectal accents.

The device may not recognise your commands or may perform unwanted commands depending on your surroundings or how you speak.

Waking up S Voice in standby mode

If S Voice is not used for a certain period, it automatically switches to standby mode.

Tap the microphone icon or say "Hi Galaxy" to the device to resume voice recognition.

Changing the wake-up command

You can change the wake-up command from "Hi Galaxy". The wake-up command is used to launch **S Voice** when the device is in standby mode.

Tap ⋮ → **Settings** → **Voice wake-up** → **Set wake-up command**.

Disabling voice feedback

Tap ⋮ → **Disable voice prompt**. The device stops providing voice feedback when you say commands.

Correcting unwanted voice commands

You can edit the voice commands if the device does not recognise them correctly.

To correct a voice command, tap the last speech bubble that contains your spoken text and edit the text with the keyboard.

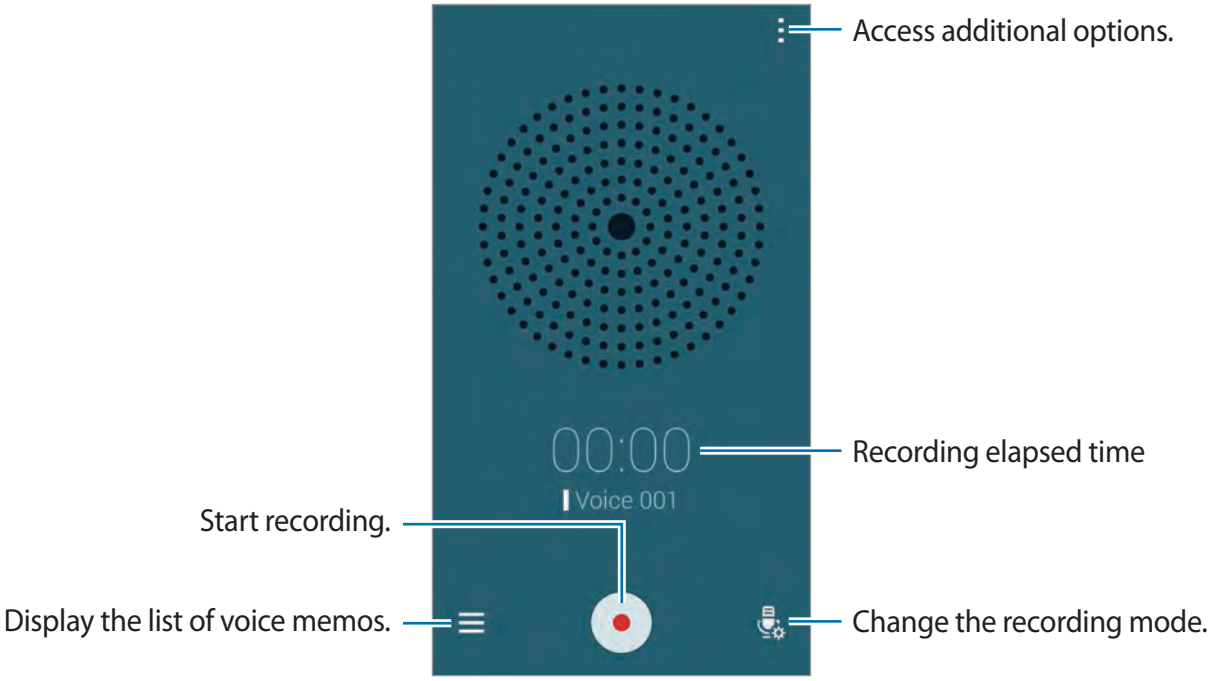
Voice Recorder

Recording voice memos

Tap **Voice Recorder** on the Apps screen.

Tap ⊙ to start recording. Speak into the microphone at the bottom of the device. Tap ⏸ to pause recording. To cancel recording, tap ⊗. Tap ■ to finish recording.

While recording a voice memo, tap ☆ to insert a bookmark.



To set the device to remove background noise, tap ⋮ → **Settings**, and then tick **Noise reduction**.

Saving files with contextual tags

Add contextual tags, such as locations and dates, to filenames when saving voice memos.

Tap ⋮ → **Settings**, and then tick **Contextual filename**. The device adds the recording date to a filename. To add the location where a voice memo is recorded, tap ⋮ → **Settings**, and then tick **Location tags**.

Playing voice memos

Tap **Voice Recorder** on the Apps screen.

Tap ☰ and select a voice memo to play.

- ✂ : Trim the voice memo.
- A B : Set a portion of the voice memo for looped play.
- x1.0 : Adjust the playback speed.
- : Skip a silent portion in the voice memo.
- : Insert bookmarks on the voice memo.
- ⏸ / ▶ : Pause or resume playback.
- ⏮ / ⏭ : Skip to the previous or next voice memo.

Using the bookmarks list

You can mark specific points in a voice memo with bookmarks. Each bookmark is marked with a bookmark icon on the voice memo.

To view the bookmark details while a voice memo is playing, tap ⋮ → **Bookmarks**. Select a bookmark from the bookmark list to play the voice memo from that position.

Managing voice memos

On the Apps screen, tap **Voice Recorder** → ☰.

Tap 🔍 to search for voice memos.

Tap 🗑 to delete voice memos.

Tap ⋮ and select one of the following:

- **Select**: Select voice memos to share or delete.
- **Sort by**: Sort memos by date, title, or category.
- **Filter by category**: View memos filtered by a category.
- **Edit categories**: Add, delete, or rename categories.
- **Settings**: Change the voice recorder settings.

Renaming voice memos

Tap and hold the voice memo, tap ⋮ → **Rename**, enter the name for the voice memo, and then tap **OK**.

Managing categories

Tap ⋮ → **Edit categories** → +, enter a category name, select a colour, and then tap **Done**.

To change or assign voice memo categories, in the list of voice memos, tap and hold the voice memo. Then, tap ⋮ → **Change category**, and then select the category.

To filter voice memos by category, tap ⋮ → **Filter by category**, and then select the category.

Voice Search

Use this app to search webpages by speaking.

Tap **Voice Search** on the Apps screen.

This app may not be available depending on the region or service provider.

Say a keyword or phrase when **Speak now** appears on the screen.