



USER MANUAL

Elo Touch Solutions i-series 4.0 Value Models



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Android™ with Google Play services

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Section 1

Introduction

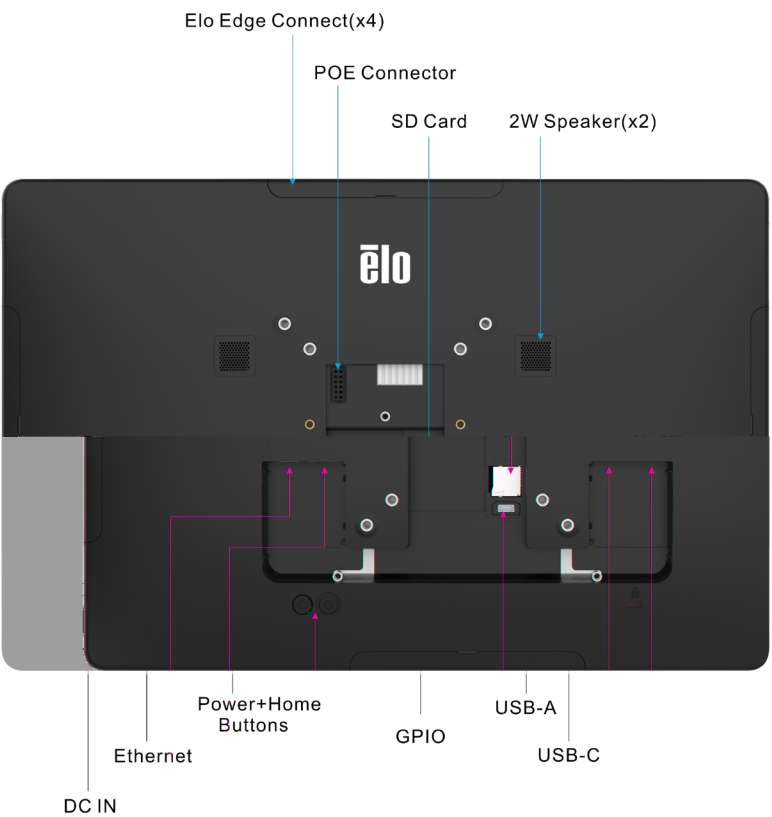
Product Description

Your new I-Series 4.0 Android Interactive Signage system combines the reliable performance from Elo with the latest developments in touchscreen technology and display design. This combination of features creates a natural flow of information between a user and the I-Series 4.0 system.

Overview – Specifications

Feature	Specification
Operating System	Android 10
Processor	Rockchip RK3399
Memory	4GB RAM
Internal Storage	32GB NAND flash memory
Display	10.1 – 1280x 800 15.6 – 1920 x 1080 22 – 1920 x 1080
Aspect Ratio	10.1 - 16:10 15.6 and 22 - 16:9
Touch Screen	Capacitive touch; up to 10 touches
Camera	5MP - 2592*1944, Auto Focus
Micro-SD	Support for microSD cards (up to 128GB)
Wi-Fi + Bluetooth	IEEE 802.11a/b/g/n/ac + Bluetooth 5.0 with BLE
Microphone	Analog Mic
Speaker	2x 2W RMS Stereo
USB Port	1x Type-C 1x USB 3.0 Type A
Micro-USB port	4x micro-USB ports Micro USB2.0 *4 load to 5V, Support for 1.2A on one port and 500mA for the remaining three ports

Features: i-series 4.0



Section 2

Getting Started

Unpacking

Verify that the box contains:

- Elo i-series 4.0
- Power Brick
- Region Specific power cable
- Quick Install Guide

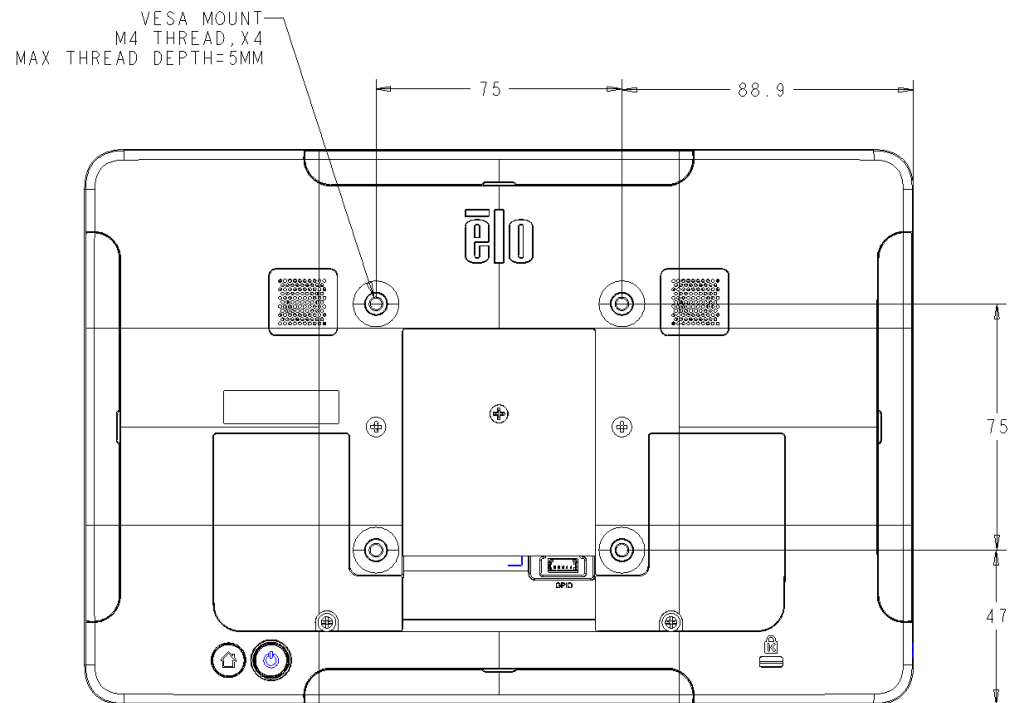
Remove all protective materials from the device.

Inspect the device for damage.

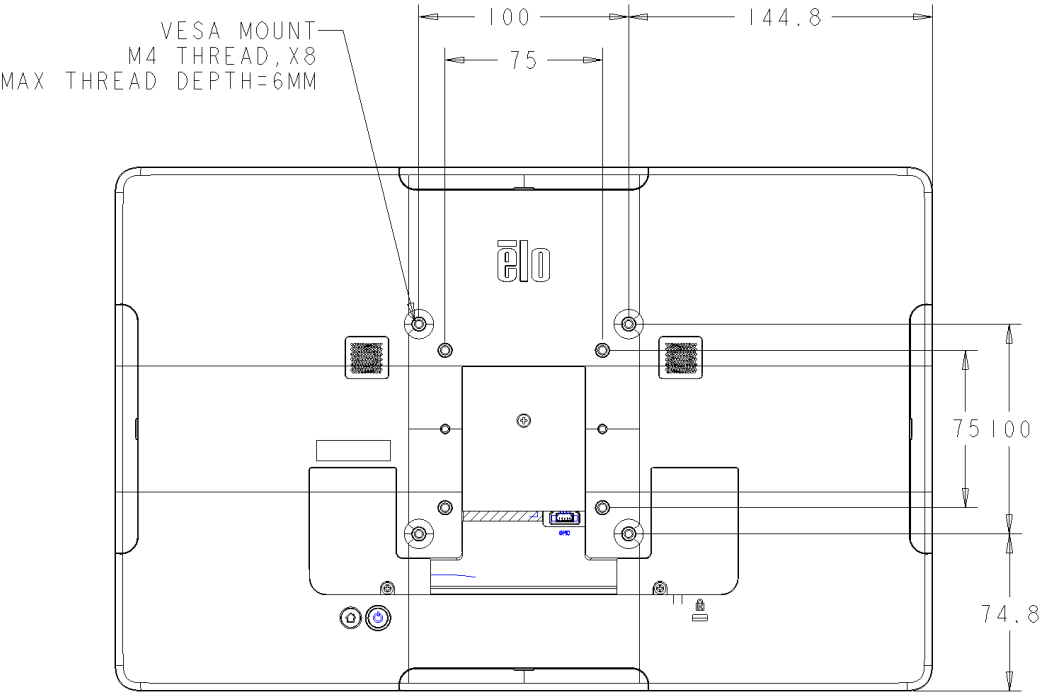
Report immediately if system has damage and/or missing items as listed above.

Wall mount

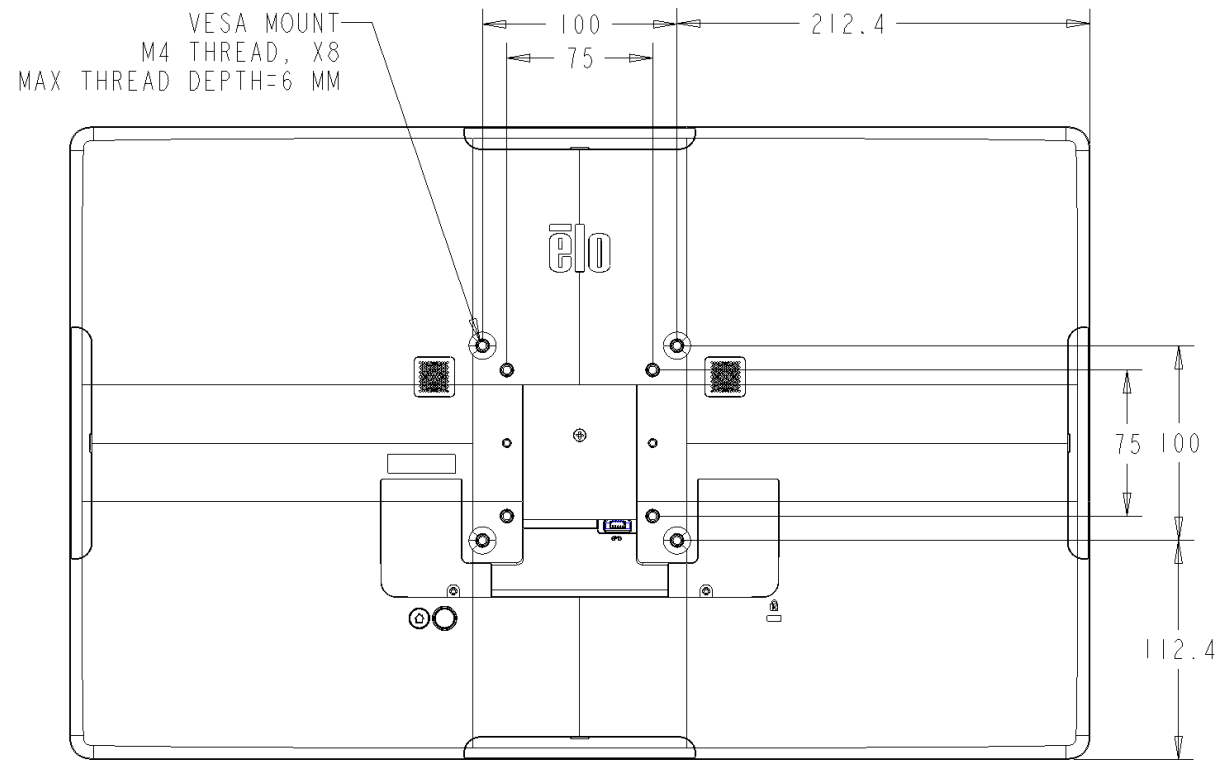
For 10inch mode, A four-hole 75x75 mm a mounting pattern for M4*6 screws are available. The VESA FDMI-compliant mounting is coded: VESA MIS-D, 75,C



For 15inch mode, A four-hole 75x75 mm and 100x100 mm mounting patterns for M4*6 screws are available. The VESA FDMI-compliant mounting is coded: VESA MIS-D, 75,C and VESA MIS-D, 100,C



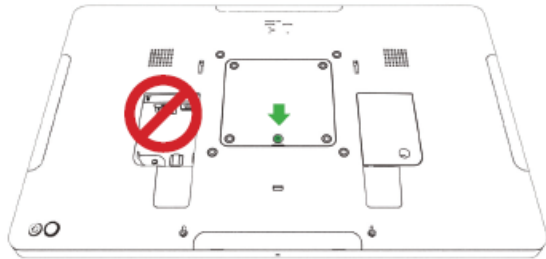
For 22inch mode, A four-hole 75x75 mm and 100x100 mm mounting patterns for M4*6 screws are available. The VESA FDMI-compliant mounting is coded: VESA MIS-D, 75,C and VESA MIS-D, 100,C



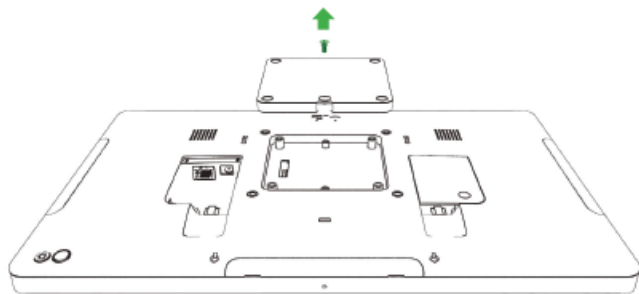
How to Install Power over Ethernet

- Unscrew the PoE cover from the back of the device.
- Mount the PoE module so that the pins line up with the mating receptacle.

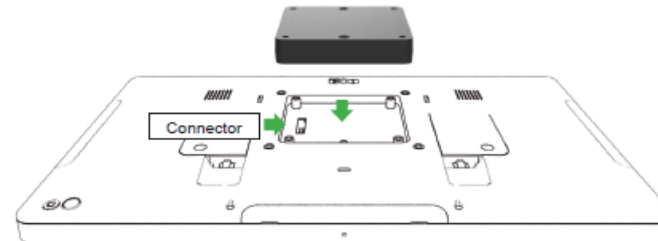
- 1 Unplug ALL ethernet and power cables from the device before installing the POE adaptor. Installing the adaptor with either of these cables connected will damage the device.



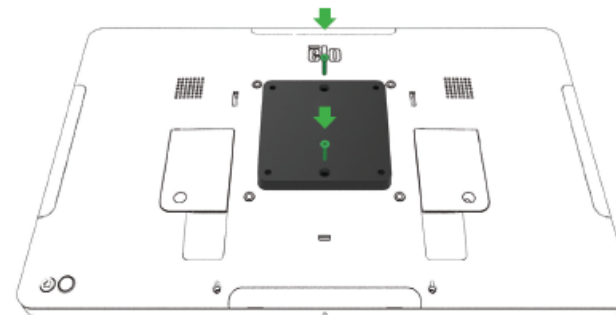
- 2 Remove screw, then lift cover.



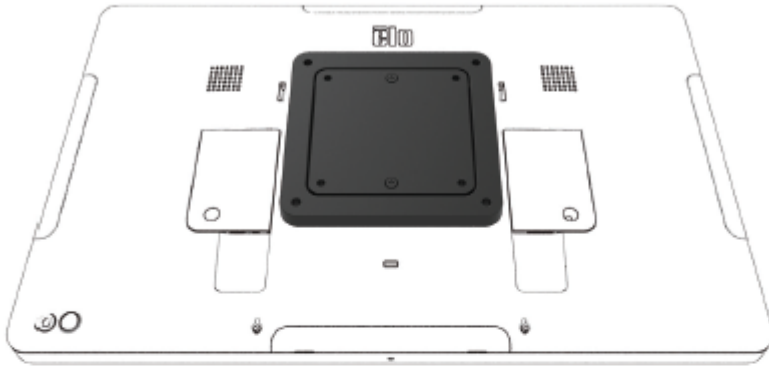
- 3 Plug Elo power-over-ethernet (POE) adaptor into recess, ensuring connector on bottom of adaptor lines up with connector on back of the I-Series 2.0.



- 4 Secure adaptor to the I-Series 2.0 using 2 m3x16 screws (included)



Install optional spacer included if using 100x100mm VESA mount. Place it over the adaptor before adding VESA mounting bracket.

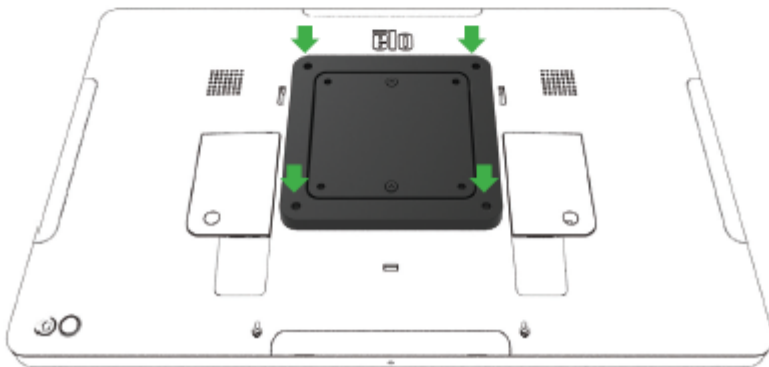


POE source must be UL / CUL Listed and have the mark showing that it is an approved equipment.
POE source must conform to standard POE+ (802.3at Type 2)

Warning: When using POE, do not connect the Ethernet cable before connecting the POE module.

Wallmounting Option: Use any standard VESA mount to wallmount the I-Series 2.0 when PoE is installed.

- 3 Attach VESA mounting bracket (not included) with screws long enough to pass through the adaptor and into the threaded holes of the I-Series 2.0 VESA mount. Elo recommends M4x16mm screws. Exact length of screws depends on thickness of VESA mount.



Power Button

Note: As soon as power is applied to the system, the device will boot up.
Do not touch the screen during system boot up.

- To turn ON the system, press power button for 500 milliseconds.
- To Shut down or Restart, press and hold the power button for more than 2 seconds and follow the on-screen display menu.
- To force the system to Shutdown, press and hold the power button for 12 seconds.
- To bring the system out of sleep/standby mode, either press the power button once or touch the screen.

Power LED Status

POWER LED STATUS	DESCRIPTION
OFF	OFF
Solid White	Power ON
Solid Orange	Power OFF
Blinking White	Idle Mode

The system consumes low power when in SLEEP and OFF modes. For detailed power consumption specifications, refer to technical specifications available on the Elo website www.elotouch.com.

To bring the system out of sleep/standby mode, press the power button once. If the system is in sleep mode, touching the screen will wake up the system

If long periods of non-use are planned, turn off and unplug your Elo I-Series 4.0 to save power.

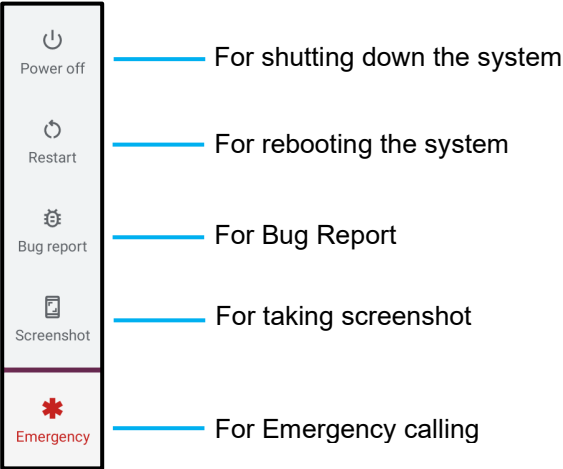
The maximum voltage, frequency and current for the systems are provided in the power ratings table below:

Power / Function Buttons Features and Gestures

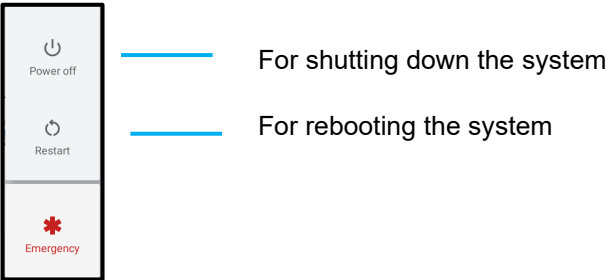
Power button On-Screen display menu

If the power button is pressed for more than 2 seconds, a pop-up screen menu will appear.

Android Home



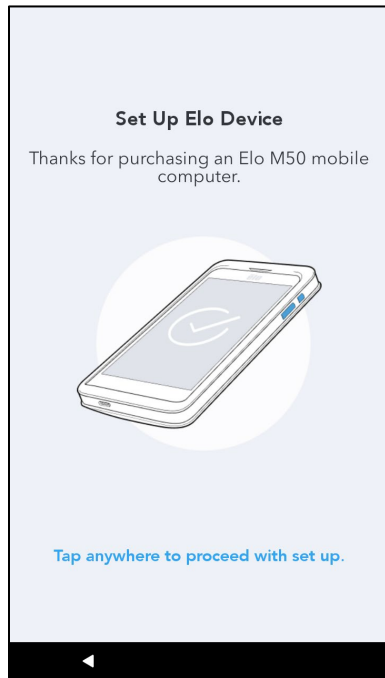
Eloview



Out of Box Experience (OOBE)

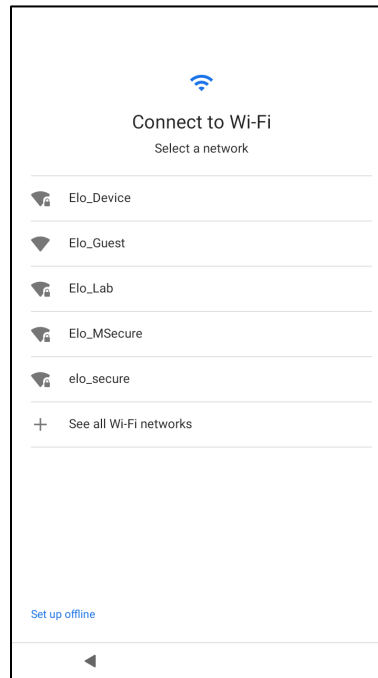
Step 1:

- Tap anywhere to proceed with set up.



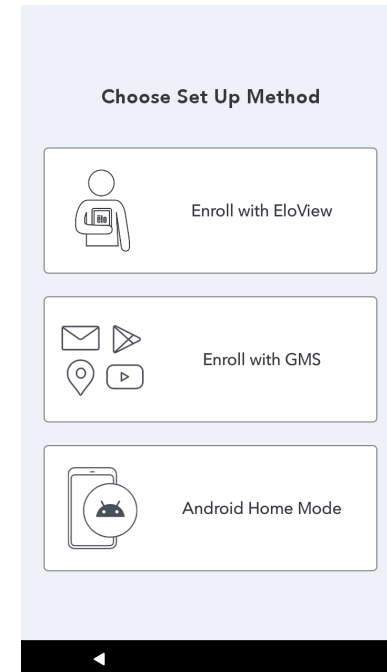
Step 2:

- Connect to Wi-Fi or tap "Set up offline" to skip Wi-Fi set up.
- To enroll with EloView you must connect to Wi-Fi.



Step 3:

- Choose the following set up method.
- Follow on-screen instruction to complete the set up.

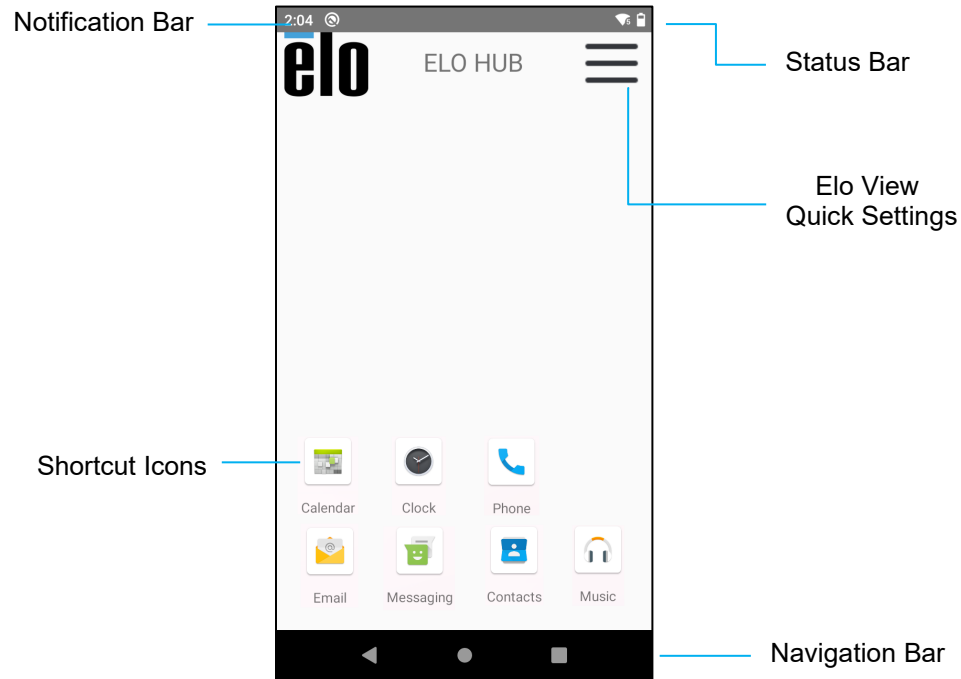


Elo Hub Home Screen – Enroll with Eloview

Refer to ELOVIEW SUPPORT PAGE on www.elotouch.com for Eloview information

The Elo Hub Home Screen is the starting point for navigating of the device. You can place your favorite apps and widgets here.

Note: The images below may appear different from the actual device.



Navigation Bar



Recent App - Return to the previous page.



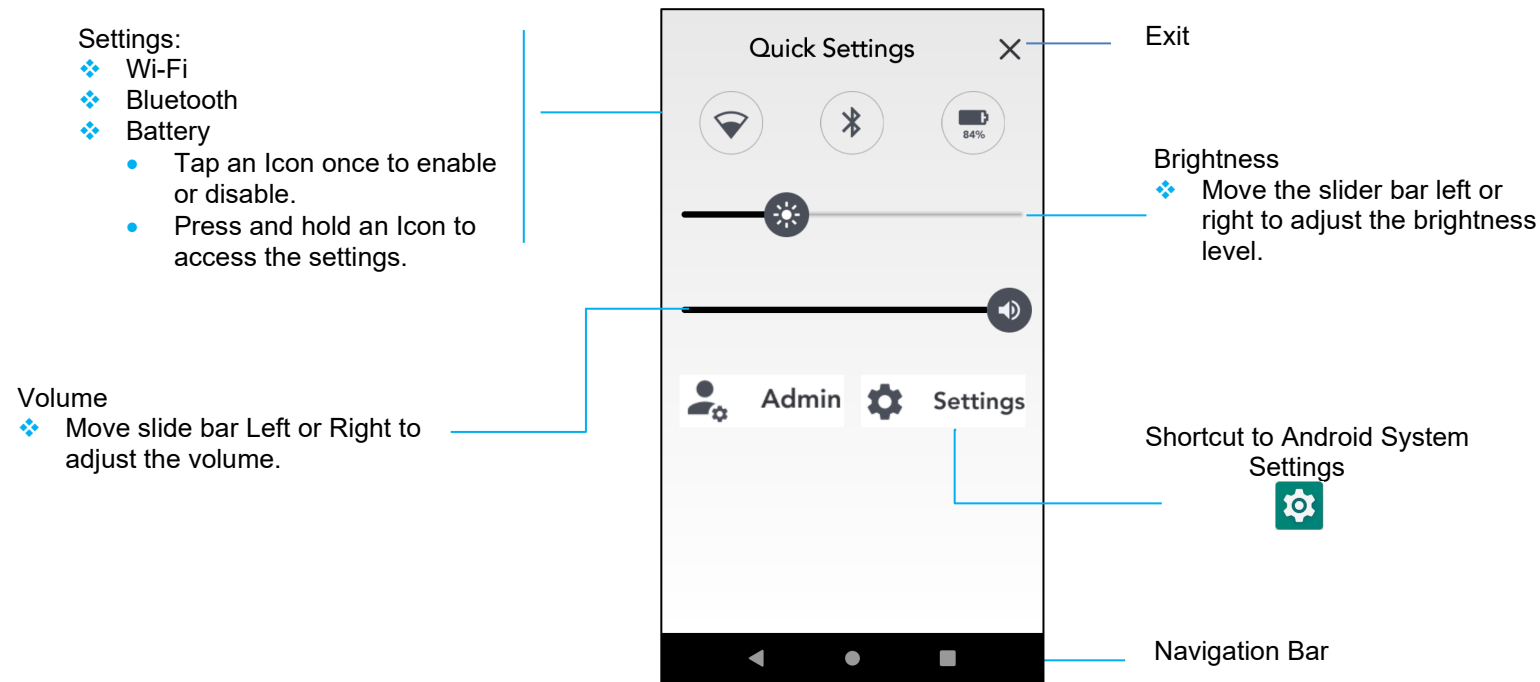
Home - Return to the home screen.



Back - Switch between recently used apps.

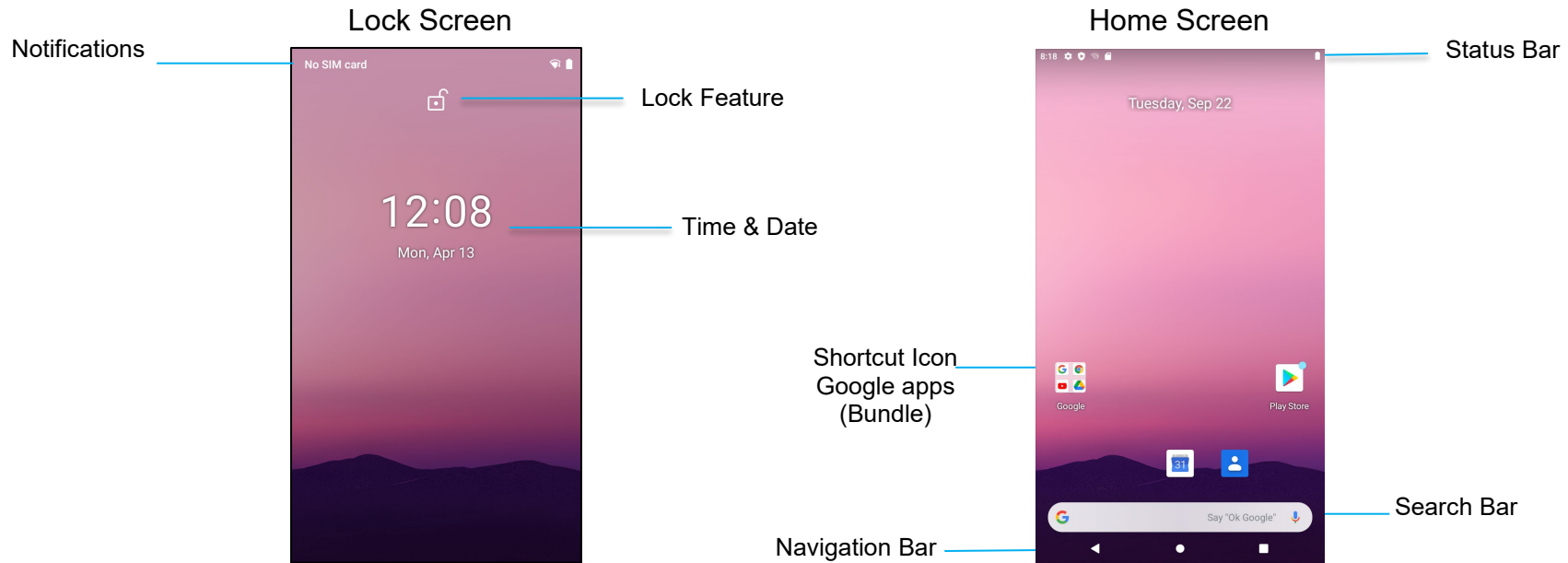
Elo Hub Quick Settings

To access the Quick Settings, tap  3 lines menu from Elo Hub Home Screen. Located on the upper right side.



Android Lock and Home Screens – GMS

Note: The images below may appear different from the actual computer.



Home Screen is the starting point for navigating the i-series device. You can place your favorite apps and widgets here.

- To unlock the screen to **Home Screen**, swipe up on the **Lock Screen**.
Note: The default security is Swipe. Refer to Security settings section in this manual for advanced settings.
- To Lock the screen, press the power button once.

Navigation Bar



Recent App - Return to the previous page.



Home - Return to the home screen.

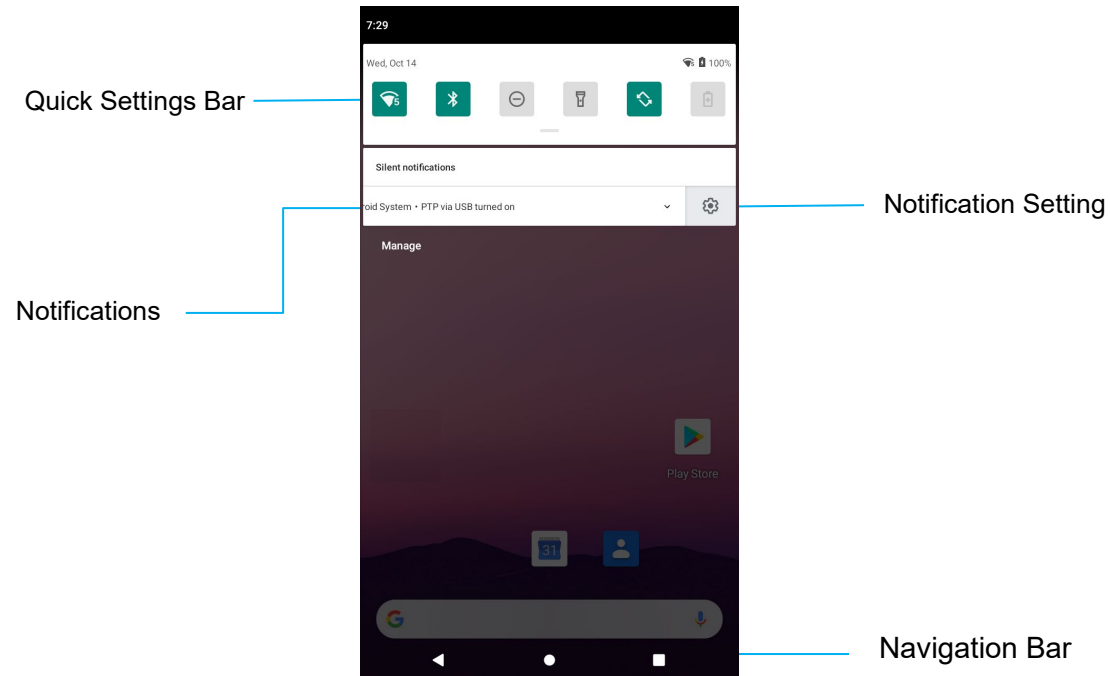


Back - Switch between recently used apps.

Android Notification Panel

The notification panel allows for quick access to setting shortcuts and notification alerts.

Note: The images below may appear different from the actual device.



To open the Notification Panel

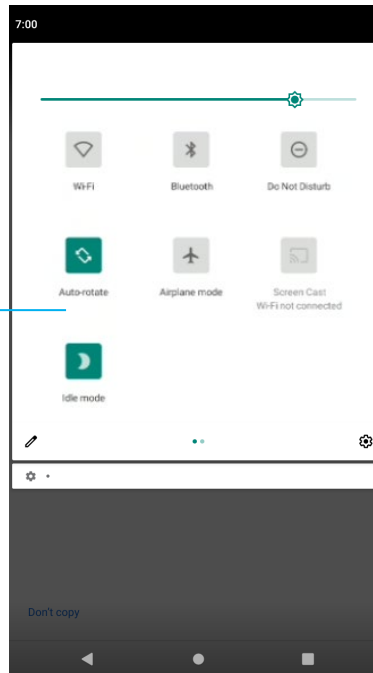
- From the **Home Screen**, swipe down from the top of the touch screen.
- To clear a single notification alert, drag the notification all the way to the left or right.
- To clear all notification alerts, tap **“Clear”**.
- To customize notification alerts, drag the notification halfway to the left or right then tap  setting.
- To exit, tap the **Navigation Bar** feature or swipe up the notification alert menu.

Android Quick Access Panel

Access Panel allows for quick access frequently used settings, Brightness, and a shortcut to Android System Settings.

Note: The images below may appear different from the actual computer.

- Quick Access Panel
- ❖ Wi-Fi
 - ❖ Bluetooth
 - ❖ Do not Disturb
 - ❖ Auto-rotation
 - ❖ Airplane Mode
 - ❖ Screen cast
 - ❖ idle mode
- Tap an Icon once to enable or disable.
 - Press and hold an Icon to access the settings.



Brightness

- ❖ Move the slider bar left or right to adjust screen brightness.

Shortcut to Android System Settings



Navigation Bar

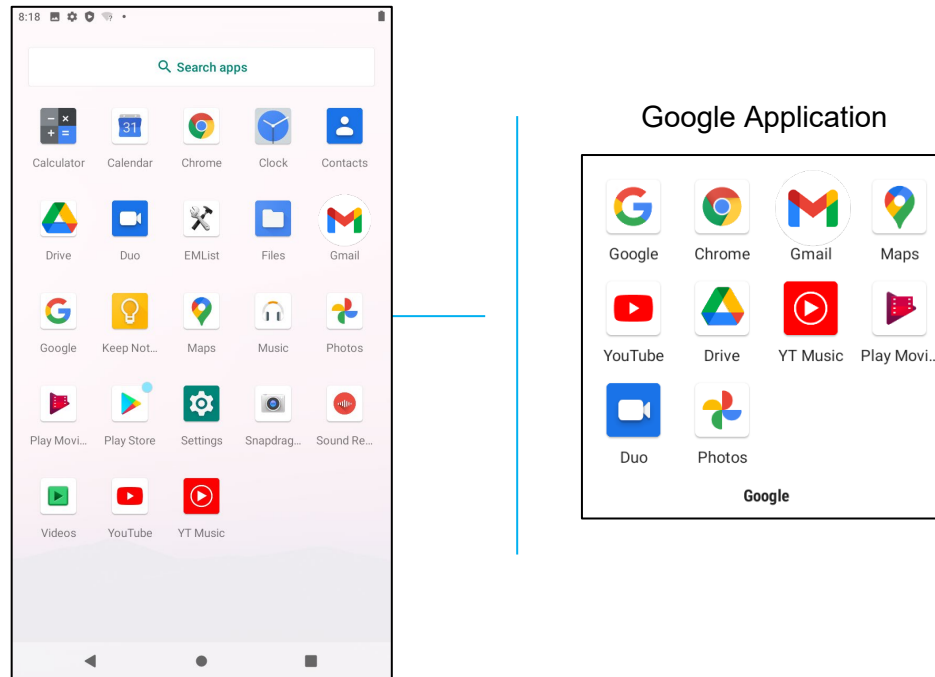
To open the Full Quick Access Panel

- From the **Lock Screen**, swipe down from top of the touch screen once.
- From the **Home Screen**, swipe down with two fingers from top of the touch screen.
- If the Notification Panel is open swipe down from the **Quick Settings bar**.
- For additional shortcut Icon's swipe screen from right to left.
- Tap **Navigation Bar** to exit.

Android Application Drawer & Google Application

The application drawer is a menu containing all of the applications installed on the device including Android System Settings. This is different from the Home Screen, as it contains every installed app and cannot be customized.

Note: The images below may appear different from the actual computer.



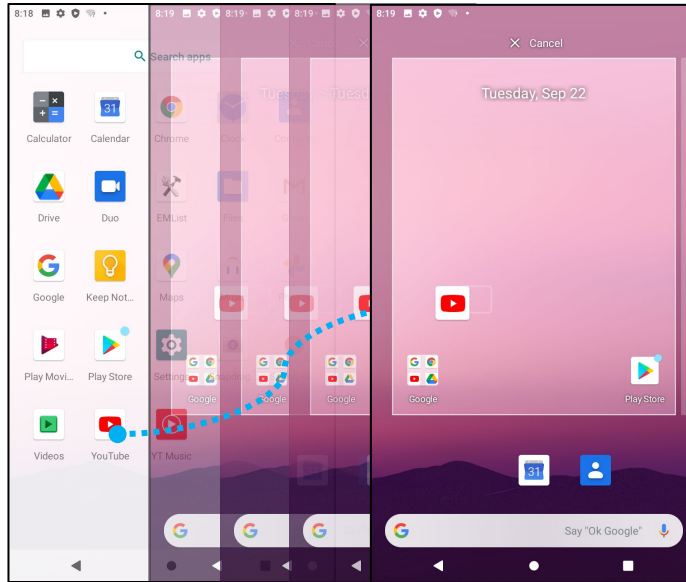
To open the Application Drawer (Manager)

- Swipe up the **Navigation Bar** from the **Home screen**.
- To open an application, tap once.
- To exit from the **Application Drawer**, tap the Navigation Bar or swipe down.

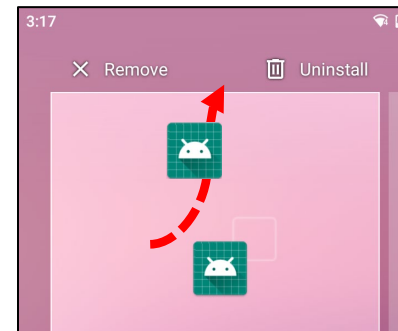
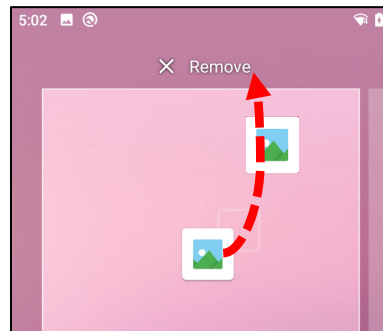
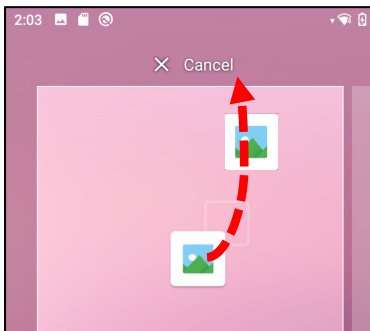
Customize and add a shortcut to the Home Screen.

Note: The images below may appear different from the actual computer.

- From the **Application drawer**, press and hold an app or (Icon) then drag the Icon to move the app to the **Home Screen**.
- Drag the Icon into new location and release.



- To cancel, drag the icon to "**X Cancel**".
- To remove a shortcut Icon from home screen, press and hold the Icon then drag the Icon to "**X Remove**".
- To uninstall an app, press and hold then drag the icon to "**Uninstall**".



Section 3

Android System Settings



The Android System Settings menu allows you to control most aspects of your device - everything from establishing a new Wi-Fi or Bluetooth connection, to installing a third-party onscreen keyboard, to adjusting system sounds and screen brightness.



Network & Internet

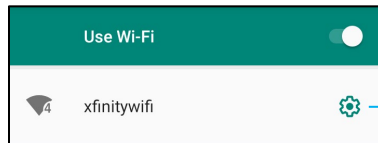
The Network & Internet application allows you to access Wi-Fi, Airplane Mode, Mobile plan, Hotspot, Tethering and Advanced settings of Data Saver, VPN and DNS.

To set up Network and Internet, enter Android  Settings → Network & Internet →

Wi-Fi

- Tap **Wi-Fi**.
- Tap **Use Wi-Fi** to enable .
- From the list, select a wireless network.
- When prompted enter the network password.
- Tap **Connect**.

For additional Network detail information's (IP address, Security, Frequency and Advanced), tap  setting of the network (e.g. xfinitywifi).



Wireless network setting

Joining Wi-Fi using QR code

- From the list of saved Wi-Fi scroll down and tap  Add network .
- Tap  (QR code) icon to the right of Add network.
- Position the viewfinder over the QR code on another device.

Sharing Wi-Fi using QR code

- Tap  setting of the connected device.
- Tap  (Share) icon.

Disconnecting a connected Wireless Network

- Tap  setting of the connected device.
- Tap  (FORGET) icon to disconnect.

Ethernet

Note: To connect the i-series 4.0 to Ethernet, when available, the i-series 4.0 will automatically prioritize the ethernet connection. If the i-series 4.0 does not, please follow the steps below.

- Set Ethernet to disable.
 - Go to Wi-Fi settings, tap **Use Ethernet** to disable .
- Tap **Ethernet**.

Airplane mode

This will disable all of the wireless transmission functions. Including cellular, Wi-Fi, and Bluetooth.

- To enable , tap **Airplane mode**.

Hotspot & tethering

Wi-Fi hotspot

This feature is for sharing Internet network connection with another device using Wi-Fi.

Note: The i-series 4.0 must be connected to Wi-Fi. See *Network & Internet connection on this user manual*.

- Tap **Hotspot and tethering**.
- Tap **Wi-Fi hotspot**.
- Tap toggle switch to ON .
- Tap  QR code.
- The QR code is for another device to scan the password for easy connect.
- To enter manually the password, tap **Hotspot password**.

USB tethering

This feature is for sharing Internet connection to another device using a USB cable.

Note: The USB cable must be connected first from i-series 4.0 to another device or PC. See *Connected device → USB on this user manual*.

- Tap **Hotspot and tethering**.
- Tap **USB tethering**, to enable .

Bluetooth tethering

This feature is for sharing internet network connection to another device using Bluetooth.

Note: The Bluetooth must be paired first from i-series 4.0 to another device or PC. See *Connected devices → Bluetooth on this user manual*.

- Tap **Hotspot and tethering**.
- To enable , tap **Bluetooth tethering**.

Data Saver

This feature is for saving data if the internet network connection is on a metered device.

Note: The Bluetooth must be paired first from i-series 4.0 to another device or PC. See *Connected devices → Bluetooth on this user manual*.

- Tap **Data Saver**
- To enable , tap **Use Data Saver**



Connected devices

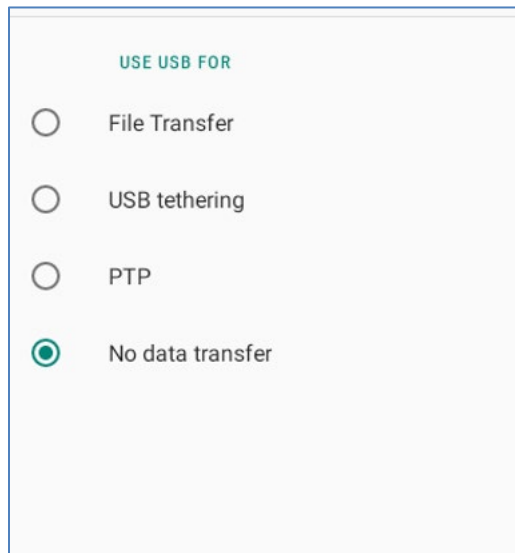
The Connected devices application allows you to pair Bluetooth devices, NFC, and USB (Tethering File transfer MDI and PTP)

To setup, [enter Android !\[\]\(c60ce5f1586b7dcb9ed6bccf6949cf15_img.jpg\) Settings → Connected devices →](#)

USB

Note: To activate the USB settings, connect the USB cable from the i-series 4.0 to another device or PC. Once the i-series detects the external computer, it will become available in the USB preference settings.

- Tap USB.
- From USB Preferences under USE USB FOR choose and tap a feature to enable.



- ❖ **File transfer** – This will share i-series 4.0 internal and SD shared storage.
- ❖ **USB tethering** – This will share internet network connection.
- ❖ **PTP** - Picture Transfer Protocol.
- ❖ **No data transfer** – (Default Setting) No data will be transferred even if the USB cable is connected.

Bluetooth

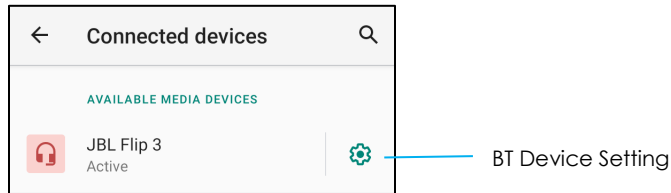
Note: Make sure the BT device is on and is discoverable.

- Tap **Connection preferences**.
- Tap **Bluetooth**.
- Tap toggle switch to ON .
- Tap **+ Pair new device**.
- From Available devices screen, tap a device to pair.

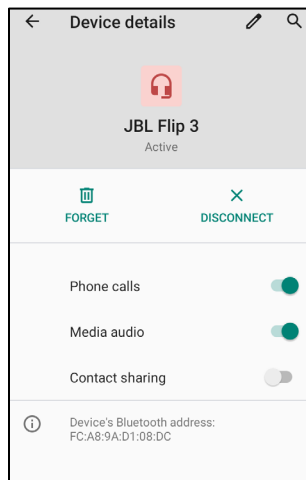
- When a pairing request message appears.
 - Verify the pairing number is the same.
 - If the pairing requests a PIN, enter the PIN.
- Tap **PAIR**, to connect.
- When the Bluetooth device is successfully connected to i-series 4.0, the connection will show as Active or Connected.

Unpair a paired Bluetooth Device

- Navigate back to 'Connected devices' screen, from **AVAILABLE MEDIA DEVICES** or **PREVIOUSLY CONNECTED DEVICES**.
- Tap ⚙️ settings of the connected device (e.g. JBL Flip 3).



- In the settings menu, it is possible to **DISCONNECT**, **FORGET** (to unpair the device) and to enable and disable Phone calls, Media audio and Contact sharing.

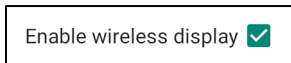


Cast

This allows to mirror the i-series display onto a wireless display device (e.g. Smart TV).

Note: Make sure the wireless display capable device and i-series 4.0 are on the same wireless network. See *Network & Internet connection on this user manual*.

- Tap **Connection preferences**.
- Tap Cast.
- Tap  3-dots menu.
- Tap **Enable wireless display** to begin scanning for compatible displays.



- From the list, tap a wireless display (e.g. TV). From the Wireless Display device (TV), if promoted tap **Allow**.

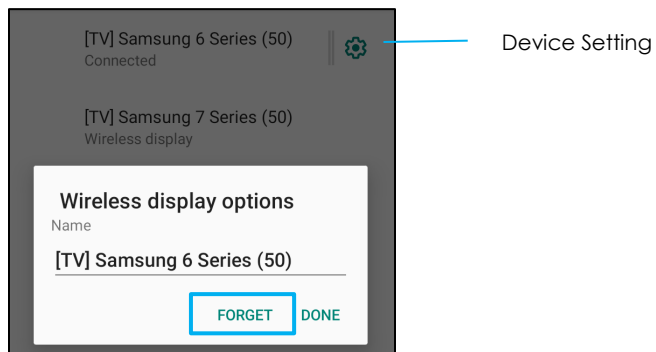
Disconnect and forget a connected wireless display

- To stop the device from casting, tap the connected wireless display (e.g. TV).
- Tap **DISCONNECT**.



To forget a device

- Tap  setting of connected wireless display.
- From wireless display options screen, tap **FORGET**.



To stop scanning available wireless display to cast

- Tap  3-dots menu.
- Tap **Enable wireless display** to be unchecked

Enable wireless display ☐

Printing

Note: Make sure i-series 4.0 and printer are connected to the same network.

- Tap **Connection preferences**.
- Tap **Printing**.
- Tap **Default Print Service**.
- Tap toggle switch to ON .
- Tap  3-dots menu.
- Tap **Add printer**.

To add a printer using Wi-Fi printer:

- Tap **Wi-Fi direct printing** to enable .
- If prompted, tap '**ALLOW ONLY WHILE USING THE APP**' to allow the device.
 - Tap **Wi-Fi Direct printers** to start searching for a Wi-Fi printer to add.
 - Tap the printer's name to connect.

To add a printer entering IP address:

- Tap **Add printer by IP address**.
- Enter the printer's IP address.
-

Files received via Bluetooth

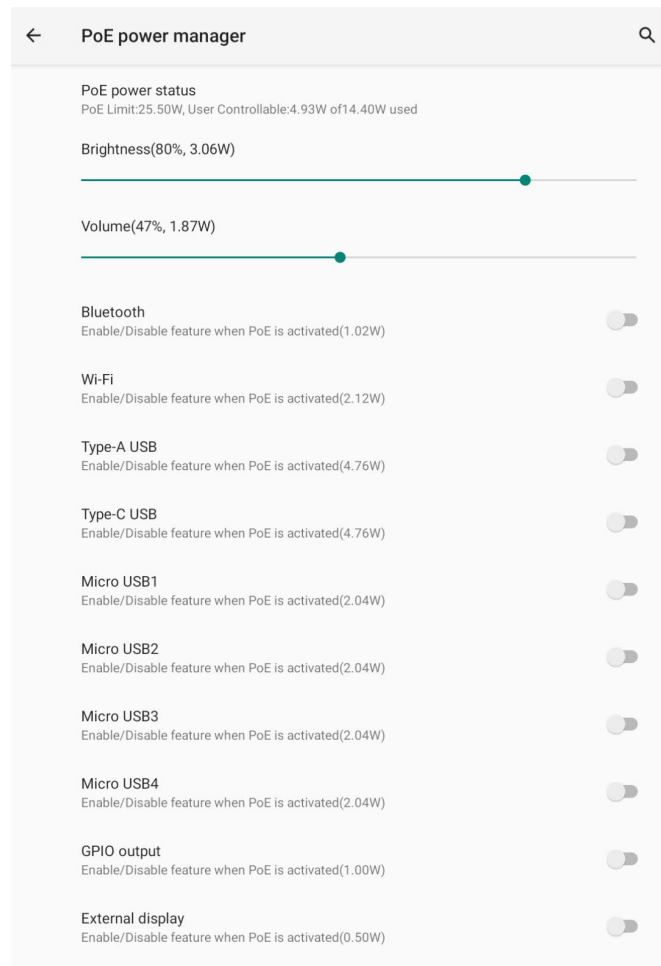
This menu will show a list of all the files that have been transferred via Bluetooth.

PoE Power Manager

When Power over Ethernet is being used, the PoE power manager allows the ability to enable and disable available features.

Note: 25.5W is the maximum available power when using the PoE module. When system is powered by POE module, type-C /USB3.0 port/Micro-USB2.0 power was turned off by default setting.

This equipment is only to be connected to PoE networks without routing to outside plants.



USB port

Each USB port power could be enable and disable by API control.



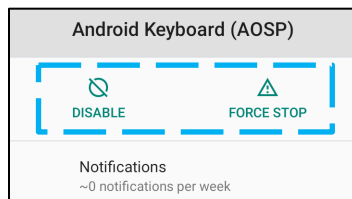
Apps & Notifications

App & Notification settings are to streamline app alerts by changing which apps send notifications and how the notifications alert you.

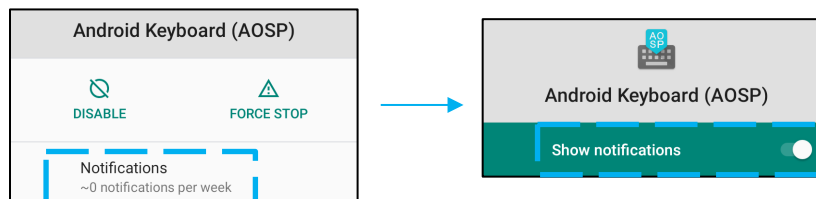
To manage App & Notification, [enter Android !\[\]\(05abdec45d3d9667a7f3c64e46754c68_img.jpg\) Settings → App & Notification](#)

Setting notifications

- In the Recently opened apps, tap **SEE ALL APPS** or **App info**.
- From App Info screen tap an App to set the notification (e.g. Android Keyboard).
 - ❖ In the App property settings you can also **DISABLE**, **ENABLE**, and **FORCE STOP** the app.



- To enable or disable notifications, tap **Notifications**. Then select **Show notifications**.



- To add a dot for unread notifications, tap **Advanced** then tap **Allow notification dot**.

Resetting app preferences

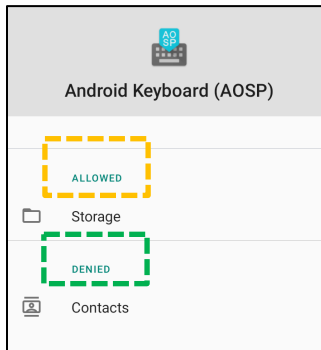
This will not lose any app data.

- Tap  3-dots menu from App Info screen.
- Tap **Reset app preferences** then tap **RESET APP**.

Setting Permission manager to an application

- To manage a preference's permissions to an app (e.g. **Android Keyboard**), tap **Permissions**.

- To allow a permission to an application, tap an app from **DENIED** menu.
- To deny a permission to an application, tap an app from **ALLOWED** menu.

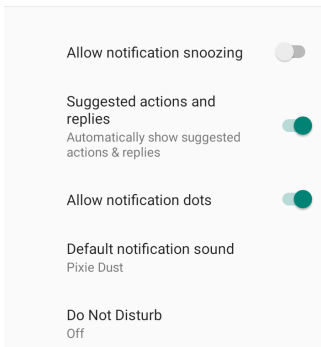


Setting notifications in the lock screen

- To set up notification in the lock screen from Apps and notification screen, tap **Notifications**.
- Tap **Notification on lock screen**. Then follow on-screen instruction on how notifications appear in the lock screen.

For additional settings

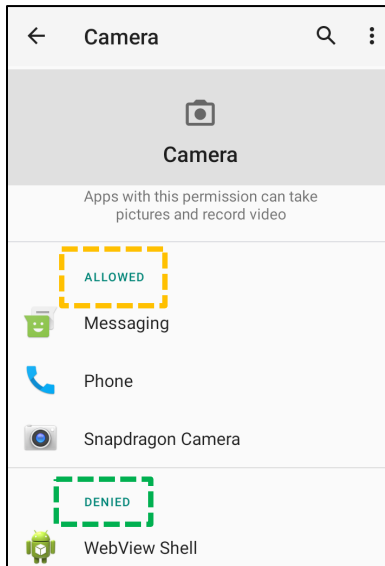
- Tap **Advanced**.
- Tap a feature to enable or disable.



Setting Permission manager on apps using storage, phone, and location

- To give permission to an app, tap **Permission manager** from **Apps and notifications** screen.
- In the menu of permission manager, tap an app to manage that app's permissions (**e.g. Camera**).
- From the camera properties, choose an app to manage.
- To allow a permission to an application, tap an app from **DENIED** menu.

- To deny a permission to an application, tap an app from **ALLOWED** menu.



The Display application manages the screen's display settings.

To modify Display settings, [enter Android Settings → Display →](#)

Auto Idle mode

- Tap **Auto idle mode** to enable  or disable .
- When enabled, the backlight will turn off between the hours of 00:00 and 06:00 daily.

Brightness Level

- Tap **Brightness level**.
- Move the slider bar right or left to adjust the screen's brightness.



Dark theme

- To switch screen theme between dark (black color) or light (white color), enable  or disable .

Wallpaper

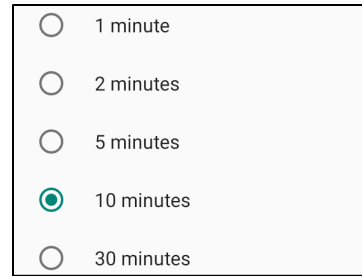
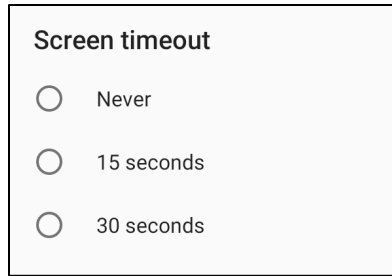
- Tap **Wallpaper**.
- Select a wallpaper from the following options.
 - ❖ Live Wallpapers
 - ❖ Snapdragon Gallery → Download – Picture – Screenshot
- Select an image or picture you want as a wallpaper from the folders.
- Tap **SET WALLPAPER**.



Advanced

Screen timeout

- Tap **Screen timeout**.
- Select the time limit from the following option.



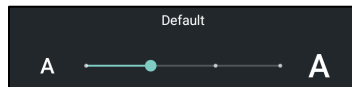
- Tap to save.

Auto-rotation screen

- Tap **Auto-rotation screen** to enable or disable.

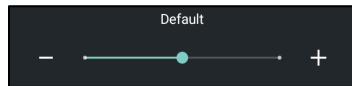
Font size

- Tap **Font size**.
- Move the slider bar left or right to adjust the text size.



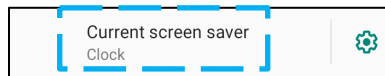
Display size

- Tap **Display size**.
- Move the slider bar to left or right to adjust the screen size.

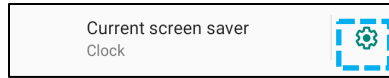


Screen saver

- Tap **Screen saver**.
- Tap **Current screen saver** to make changes to the current settings.



- Select a screen saver from Clock, Colors, Photo Frame, and Photo Table.
- For additional clock, Photo Frame, and Photo Table screen savers, tap  setting.



- To activate Screen saver, tap **START NOW**.

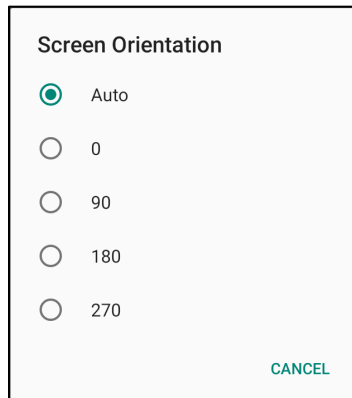


HDMI

Tap HDMI and select screen Zoom to adjust display size

Screen Orientation

- Tap **Screen Orientation**.
- Select the orientation from the following option.

A screenshot of a 'Screen Orientation' dialog box. The dialog has a light gray background and a black border. At the top, the title 'Screen Orientation' is centered. Below the title, there are five radio button options: 'Auto' (which is selected, indicated by a green dot), '0', '90', '180', and '270'. In the bottom right corner of the dialog, there is a 'CANCEL' button in green text.

Screen Orientation

☒ Auto

☐ 0

☐ 90

☐ 180

☐ 270

CANCEL

- Tap to save.

Touch through

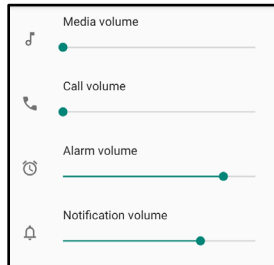
- Tap enable to enter touch through mode and default is normal mode

The sound application is to manage audio, vibration and Do not Disturb features.

To modify settings, enter Android  Settings → Sound →

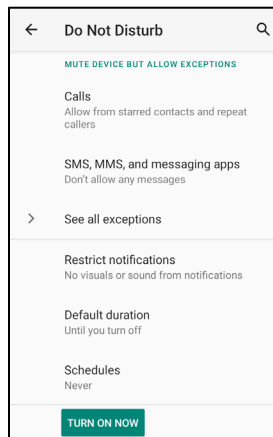
Volumes

- To decrease or increase the following sound volume, drag slider left or right.



Do not Disturb

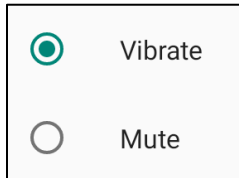
- Tap **Do not Disturb**.
- Tap **TURN ON NOW**, to enable Do not Disturb,
 - ❖ To manage settings, tap a feature you wish to manage and follow on-screen instructions to complete the set up.



- To disable, tap **TURN OFF NOW**

Shortcut to Prevent Ringing

- Tap **Shortcut to prevent ringing**.
- Tap toggle switch to  enable.
- Select from the following options.

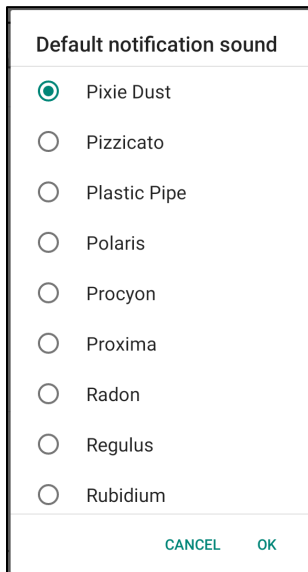


☒	Vibrate
☐	Mute

- To disable , tap toggle switch.

Default Notification Sound

- Tap **Default notification sound**.
- Select a sound from the list (e.g. Pixie Dust) and tap **OK** to save.



Default notification sound	
☒	Pixie Dust
☐	Pizzicato
☐	Plastic Pipe
☐	Polaris
☐	Procyon
☐	Proxima
☐	Radon
☐	Regulus
☐	Rubidium

CANCEL OK

Default Alarm Sound

- Tap **Default Alarm sound**.
- Select an alarm sound from the list (e.g. Cesium) and tap **OK** to save.

Default alarm sound

☒ Cesium

☐ Cesium

☐ Fermium

☐ Hassium

☐ Helium

☐ Krypton

☐ Neon

☐ Neptunium

☐ Nobelium

CANCEL OK

Audio Policy

- Select to audio output port.
- Default is Auto

Audio Policy

☒ auto

☐ speaker

☐ BT

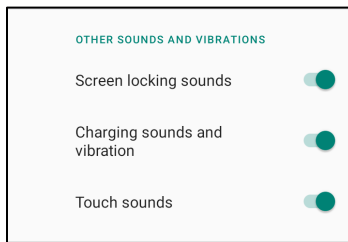
☐ DP

☐ USB

CANCEL

Advanced

- To enable  or disable  on the following features below, tap a feature.





To manage Storage, [enter Android !\[\]\(85b0f06a00119c268054533155f06449_img.jpg\) Settings → Storage →](#)

Internal Shared Storage

- To check the status of internal memory storage, tap **Internal Shared storage**.

Storage Manager

This feature is to help free up storage space, storage manager removes backed up photos and video from the device.

- To enable  or disable  , tap **Storage manager**.
- To make changes to set days on removing photos and videos, tap **Remove photos & Videos**.



The Privacy application is to give you control over what permissions of applications can have.

To manage permission, [enter Android](#)  [Settings → Privacy →](#)

Permission Manger

This is to grant permission of an App that uses storage, phone, and location.

- To manage permissions to an app, tap **Permission manager**.
- From the menu of permission manager, tap an app you wish to manage (**e.g. Camera**).
- From the camera property shows what applications has camera permissions.
- To allow a permission to an application, tap an app from **DENIED** menu.
- To deny a permission to an application, tap an app from **ALLOWED** menu.

Show passwords

This will display character briefly as you type a password.

- To enable  and disable , tap **Show passwords**.

Lock screen

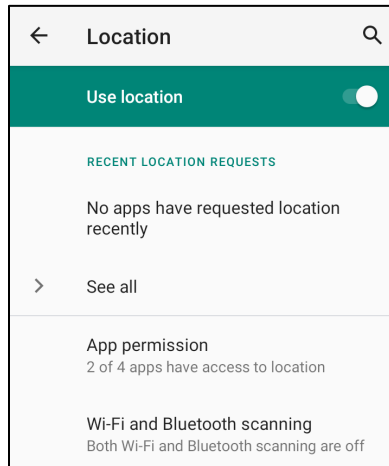
This will show all notification content in the lock screen.

- To enable  and disable , tap **Lock screen**.



To modify Locations settings, [enter Android Settings → Location](#)

- Tap **Location**.
- To enable or disable, tap **Use location**



- For apps have requested location recently, **tap See all**.
- To update permission, tap **App permission**.
- To scan for Wi-Fi networks and Bluetooth, tap **Wi-Fi and Bluetooth scanning**,

Note: This feature allows apps and services to scan for Wi-fi networks and Bluetooth anytime. This can be used to improve location-based features and services.

To change Security settings, [enter Android !\[\]\(ce899d4e578b5a040d437315360e0be8_img.jpg\) Settings → Security →](#)

Security Status

Google Play Protect

- Scans all apps to find any viruses.

Find My Device

- Once an account is associated with the device, it can be found if the device is misplaced.

Security Update

- Will provide details about when the last security update was conducted

Screen Lock

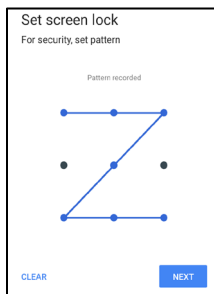
- Tap **Screen lock**.
- From the menu select a security you wish to set. The default security is Swipe.

Swipe Security

- Tap **Swipe**.

Pattern Security

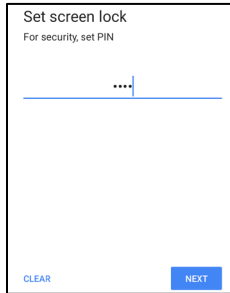
- Tap **Pattern**.
- Tap **YES**.
- Draw a Pattern for security (see image for an example) and tap **NEXT**.



- Draw the same pattern again and tap **CONFIRM**.
- Follow on-screen instruction and tap **DONE**.

Pin Security

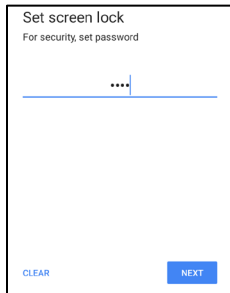
- Tap **PIN**.
- Tap **YES**.
- Enter a PIN number must be at least 4 digits minimum and tap **NEXT**.

A screenshot of a mobile application screen titled "Set screen lock" with the subtitle "For security, set PIN". Below the text is a horizontal input field with four dots and a cursor. At the bottom left is a "CLEAR" link, and at the bottom right is a blue "NEXT" button.

- Re-enter PIN numbers and tap **CONFIRM**.
- Follow on-screen instruction and tap **DONE**.

Password Security

- Tap **Password**.
- Tap YES.
- Enter a password, must be at least 4 characters minimum and tap **NEXT**.

A screenshot of a mobile application screen titled "Set screen lock" with the subtitle "For security, set password". Below the text is a horizontal input field with four dots and a cursor. At the bottom left is a "CLEAR" link, and at the bottom right is a blue "NEXT" button.

- Re-enter password and tap **CONFIRM**.
- Follow on-screen instruction and tap **DONE**.

Remove Screen Lock

- To remove screen lock, tap **Screen lock**.
- If prompted enter the Password (only applicable for PIN, PATTERN and PASSWORD security).
- Tap **None** to remove screen lock.

- Tap **YES**.
- Tap **REMOVE** to confirm.



Accounts

To add an account, [enter Android](#)  [Settings → Accounts](#)

- To set up an account, tap **Account**.
- Tap **+ Add account**.
- Enter an email account.
- Enter an Account type you want to add (**PERSONAL - POP3** or **PERSONAL – IAMP**).
- Follow the on-screen instructions to complete the setup.



Accessibility

The Accessibility is a large on-screen menu to control the Elo i-series device. You can control display, audio & on-screen text and more.

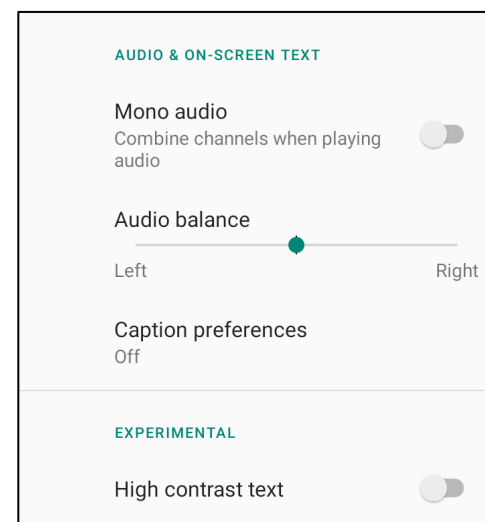
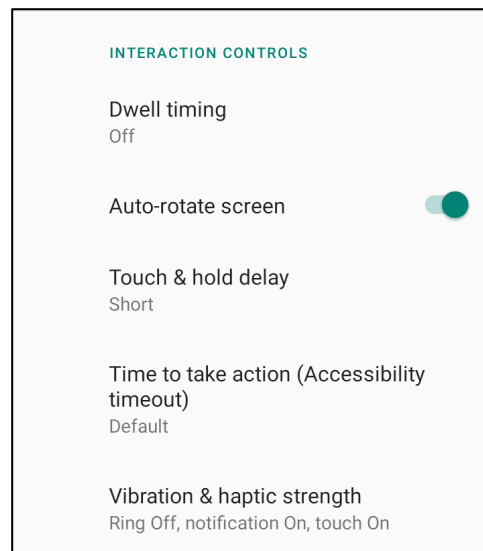
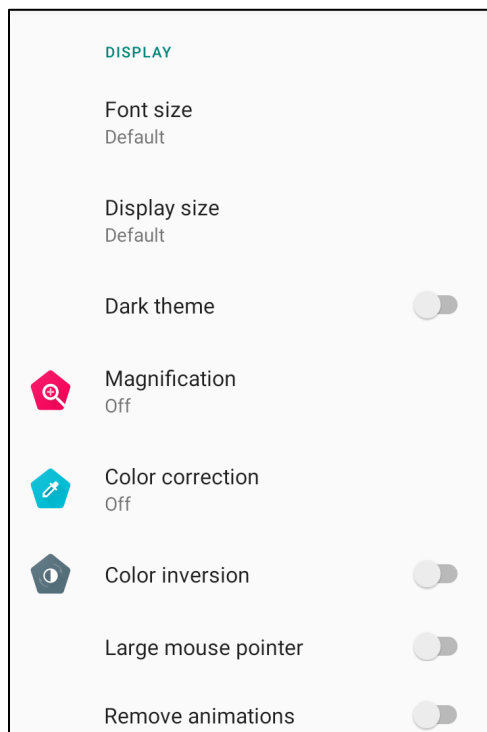
To modify settings, [enter Android !\[\]\(39fe6a447a07f214586d259b16ffba42_img.jpg\) Settings → Accessibility](#)

- From the menu, select a feature to change the setting.
- Select to Speak
 - ❖ If enabled, will speak the text word when it is clicked on.
- TalkBack
 - ❖ If enabled, will provide feedback to use the device without having to look at it.
- Text-to-speech output
 - ❖ Will convert text into speech.
 - ❖ There are also option to change the language, speech rate and pitch

- To enable  or disable , tap the feature.
- To adjust slide bar, drag slider right or left.



- For other settings, tap the feature and follow the on-screen instruction to complete the setup.





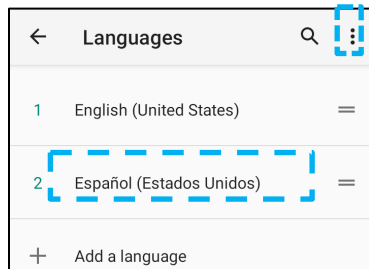
Digital Wellbeing & parental controls

- Digital Wellbeing and Parental controls are available here.

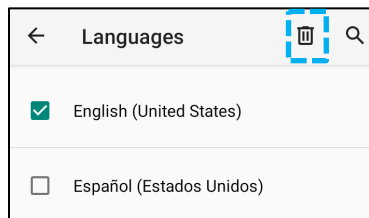
To modify settings, [enter Android Settings](#) → [System](#) →

Languages & input

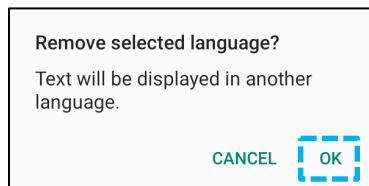
- To change language, tap **Languages & input**.
- Tap **Language**.
- Tap **+ Add a language**, then choose from the list of languages to add (e.g. Espanol).



- After choosing a language, tap  3-dots menu then tap **Remove**.
- To change a language e.g. from English to Espanol, tap English then tap .



- Tap **OK** to remove selected language.



Gestures

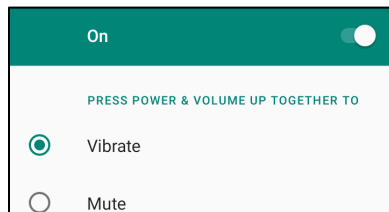
- Tap Gestures.

For camera gesture

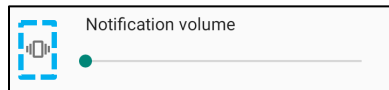
- Tap **Jump to camera**.
- Tap **Jump to camera** to enable  or disable .
- ❖ When set to enable, pressing power button twice will activate, the digital camera.

For notification volume gesture

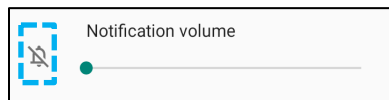
- Tap Preventing ringing
- Tap toggle switch to ON or OFF.



- ❖ When set to Vibrate mode and notification volume is active, pressing power + volume up buttons together, the notification volume will be set to vibrate mode.
- ❖ The vibrate mode Icon will also show into status bar.

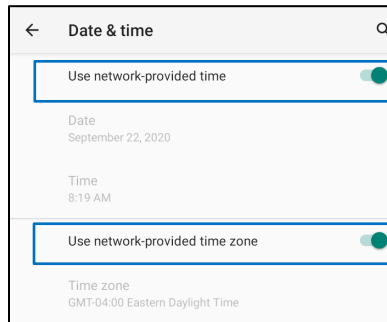


- ❖ When set to Mute mode and notification volume is active, pressing power + volume up buttons together, the notification volume will be muted.
- ❖ The mute Icon will also show into status bar.



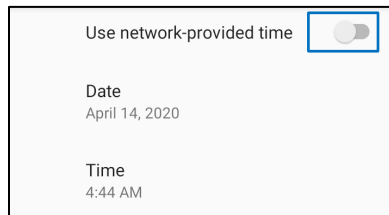
Date & Time

Note: The recommended setting for “**Date and Time**” is to use, “**USE network provided time**”.
And for **Time zone** when is set to “**USE network provided zone**”, you need a sim card to work.

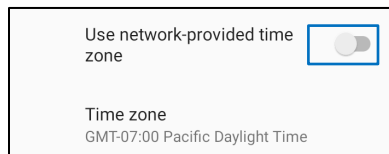


For manual settings:

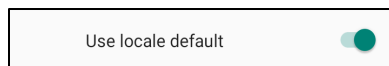
- Tap **Date & Time**.
- To set Date and Time manually, tap **Use network-provided time**.
- Tap **Date**.
- Tap **Time**.



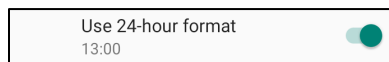
- To set time zone, tap **network -provided time** and select your time zone.



- To set to 12 hours format, tap **Use locale default**.



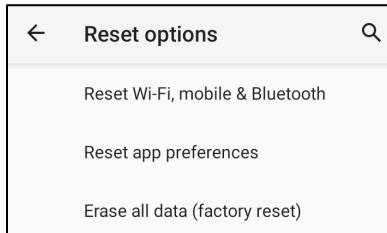
- To set 24 formants, tap **Use 24-hours format**.



Advanced

Reset options

- To select a following option to reset, tap Reset options.
- From the list, select an item to reset then tap to execute and follow on-screen instruction.

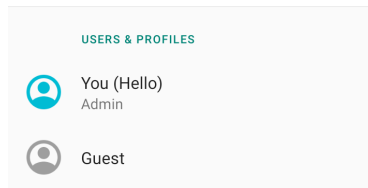


Multiple users

- Tap **Multiple users**.
- Tap toggle switch to  ON.

To switch users

- Tap a user or name from the following option.



To add user

Note: only admin can add users.

- Tap **+ Add user or profile**.
- To set up apps and contents for the user, tap **User**.
Follow on-screen instructions to complete account set up.
- To set up restriction access to apps and content for the users, tap **Restricted profile**.
Follow on-screen instructions to complete account set up.

To delete guest from the device

- Tap  3-dot menu from **Multiple Users** screen.
- Tap **Delete Guest** from this device.

To rename Admin Profile info

- Tap  admin
- Enter the name.
- Tap **OK** to save.

Developer (Accessing developer option menu)

- To access Developer option menu, go to **About tablet** → **Build number**.
- Tap Build number 7 times. When successfully done you will see the message "You are now a developer".
- Then go back to  → **System** → **Advanced**.



About tablet

For viewing specific information of i-series device.

To view and modify settings, [enter Android](#)  [Settings](#) → [About phone](#)

Device name 10in-I-Series-4
Emergency information Info & contacts for Owner
Legal information
Model & hardware Model: 10in-I-Series-4
Model description 10in-I-Series-4, evt2
Android version 10
IP address Unavailable
Wi-Fi MAC address 1c:ee:c9:1f:74:2c
Bluetooth address 1c:ee:c9:1f:74:2d
Up time 30:23
Build number SWEP_sdm660la302_v01.023.02.p_01

- Tap once to change the device name.
- Tap once to view add, and update emergency information.
- Tap once to view.
- Tap once to view Model, Hardware and Serial number information.
- Elo i-series Model description.
- Tap once to view Android version, Security, Google Play system update, Baseband version, Kernel version and Build number.
- IP address information.
- Network MAC address information.
- Bluetooth address information.
- Total time system has been in operation.
- Tap 7 times to access Developer options menu in the [System](#) → [Advanced](#) settings.

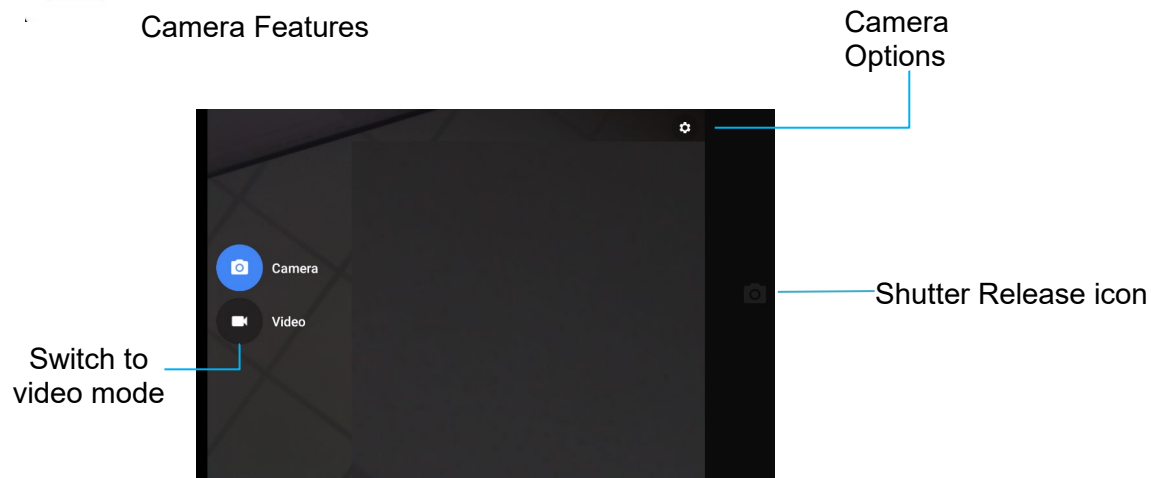
Section 4

Operational



About Camera App

Camera Features



Switch - A switch between Camera to Video.

Shutter Release - For taking picture.

All other option available by clicking the gearhead icon are listed in the table below.

Settings	
Resolution & quality	
Capture Sound	☒
Save location	☒
Picture and Video Save Location	
Camera default storage	
Restore Default Settings	

Take a Picture and Record Video

- Tap  camera app to access the Digital camera.
- To change camera and video settings, see features.
- From the switch, located on left side of hidden area, swipe right to get the following options.



For Video recording, tap  Video Icon.

- ❖ To record videos, tap  capture Icon.
- ❖ To mute and unmute sound while recording, tap microphone Icon.
- ❖ When finished recording, tap  stop Icon



For camera, tap  Camera Icon.

- ❖ To take pictures, tap  shutter release Icon.
- ❖ To enable and disable shutter sound, go to advanced settings. See camera features.
- ❖ To zoom an object or scene place two fingers on the screen together, spreads them apart to zoom in and pinch to zoom out.
- ❖ To auto focus an object or scene, tap touch screen.
- ❖ To view pictures and play recorded videos, tap gallery.
- ❖ To play recorded video, tap  play.

Take a Screenshot

For capturing an image of the screen. The device will automatically save the image in the  File folder application.

- Press the power button for more than 2 seconds and a pop-up screen menu will appear then tap  screenshot.

Android File Application

The Android File Manager app helps to manage, delete, print, shares and transfer files between the mobile storage and a computer.

To access pictures, videos, screenshots, audios, downloads, and mobile internal / external storage, go to application drawer.

- Tap  file application from the application drawer.
- Tap  3 lines menu and choose one of the following options.
- Tap  Image Icon for pictures and screenshots.
 - ❖ Tap Camera folder for photos.
 - ❖ Tap Screenshots folder for screenshot images.
 - ❖ Tap  Video for recorded videos.
 - ❖ Tap Camera folder.
 - ❖ Tap  Audio for recorded audios.
 - ❖ Tap  for Downloaded items.
 - ❖ Tap  for mobile internal storage folders.
 - ❖ Tap  for mobile external storage folders.

Delete Files

- To delete files from the folders above, press and hold an item or tap  3 dots menu to select all items in the folder.
- Tap  to delete.
- Tap OK to confirm.

Copy and Move Files

- To copy or move files into new location press and hold an item from the folders above or tap  3 dots menu to select all items in the folder.
- Tap  3 dots menu again and choose "Copy to" or "Move to".
- Tap  3 lines menu and choose from the following options where you want to move or copy the item.
- To create a new folder, tap  3 dots menu.
- Rename the folder.
- Tap Copy or Move to confirm.
- Print File
- Note: To print you must set a printer. See Android Settings → Connected device → Print.
- To print files from the folders above, tap an item once.
- Tap  3 dots menu and tap Print.

Share Files

Note: Make sure both device Bluetooth are paired. See Connected devices → Bluetooth on this user manual.

- To share files from the folders above, press and hold an item.
- tap  share icon.
- To share via Bluetooth, tap  Bluetooth icon.
- To share via Email, tap  email icon
- For more options hold an item from the folders above.
- Tap  3 dots menu and choose from the following options and follow on-screen instructions.

General-purpose Input/Output (GPIO) Support

The I-Series 4.0 supports a GPIO which can be used to connect to peripherals such as a motion sensor.

Elo has an optional GPIO cable (PN: E211544) with flying leads so that it is easy for users to connect their own peripherals.

Pinout of the GPIO cable (PN: E086398):

Red Wire: Pin 1 → 5 Volt output connection

White Wire: Pin 2 → Input connection 1

Green Wire: Pin 3 → Input connection 2

Two Black Wires: Pin 4 and Pin 5 are tied to ground

5V, 200mA is the max voltage and current available via this GPIO port.

G-Sensor

All I-Series 4.0 units are equipped with a g-sensor and will rotate the video based on the orientation of the device.

USB – C Settings

All i-series 4.0 device supports USB – C video, audio and touch via the USB- C cable.

The 15.6 and 22in i-series 4.0 device can also support power up to an Elo 1502L Touch monitor via the USB – C cable when using the Elo 90W power supply.

About Android Debug Bridge (ADB) control

Elo computer device supports debugging via Wi-Fi/Ethernet or using the USB cable, Type C to Type A cable.

Set I-series 4.0 to (Developer)

- Enter Android  Settings → About tablet → Build Number.
- Tap Build Number 7 times to enter developer mode.
- Go back to the  Settings → System → Advanced and you will see “**Developer Options**”.
- From Developer options on- screen display, enable the option called “**USB debugging**”.

To connect via Wi-Fi

Ensure that your computer is online and not behind a firewall.

- Find the IP address (by going to  **Settings** → **Network & Internet** → **Wi-Fi** → Tap the active **connection** → **Advanced** → **IP Address**.
- On your host computer, use the command ADB connect <IP address> to be able to perform ADB actions.

To connect via USB, perform the following steps

- Ensure the USB cable is not connected to the i-series 4.0.
- From the settings, enter Developers Options
- Turn on the “Enable USB Debugging” option
- Plug USB cable (type C) side into the computer device and (type A) to host PC.
- In the host PC, input “ADB devices” to check if the Elo Computer serial number shows up. If it is there, then you have connected successfully.

Factory Full Reset

A full factory reset should only be performed if all other recovery methods have failed and all other troubleshooting options. Performing a full factory reset results in loss of data. This option will recover the original factory image state by erasing all data in the main storage on the Elo handheld computer.

Note: Performing a factory reset on **Android bootloader menu**, if you added a Google Account to Elo handheld Computer make sure you have your Google credential (Username and password) associated with the Elo handheld computer. If you don't have it you will not be able to use the device after reset. This is a security measure that prevents unauthorized user from using the device if they do a factory reset on Android bootloader menu.

To Reset

- Enter Android  **Settings → System → Advanced → Reset Options.**
- Tap **Erase all data.**
- Under **Erase all data (factory reset)**, tap Erase all data .
- Under **Erase all data?**, tap Erase all data.
- When successfully done, the device will auto reboot.

Part Number	Comment
E413396	Elo Power over Ethernet kit
E572635	90W power brick kit
E134699	3d Camera
E201494	2d Camera
E134286	Kit for scanning fingerprints
E001004	Kit for Near Field communication
E001002	Kit for Magnetic strip reader
E651272	GPIO version of the Status light kit
E644767	USE version of the status light kit
E093433	Kit for 1d barcode scanning
E393160	Kit for 2d barcode scanning
E384627	Kit for 2d barcode scanning
E361850	Kit for 2d barcode scanning
E926356	Kit for 2d barcode scanning
E534879	Kit for Temperature sensing
E809509	Expansion module kit

Section 5: Technical Support and Maintenance

Technical Assistance

Technical Specifications

visit www.elotouch.com/products
for technical specifications for this device

Support

visit www.elotouch.com/support for technical support

Refer to last page for worldwide technical support phone numbers.

Elo I-series 4.0 Care and Handling

The following tips will help maintain optimal performance of your Elo I-series 4.0:

- To prepare for cleaning the touchscreen, power down the device (if possible), or ensure your on-screen software can tolerate false touches while you clean.
- Do not get liquids inside the unit. Do not spray the Elo product directly. Instead, use wet wipes, a sprayed cloth or a dampened cloth with the excess moisture squeezed off.
- Select only non-abrasive cleaning wipes or cloths to avoid scratching touchscreens.
- Avoid highly concentrated alcohol (> 70%), non-diluted bleach or ammonia solutions, as these may cause discoloration.
- Wipe the surfaces with the appropriate wipes or cloths and approved cleaning products and allow them to dry.
- For additional cleaning methods, recommended cleaning and disinfectant solutions, please visit <https://www.elotouch.com/support/technical-support/cleaning>

Section 6: Regulatory Information

Electrical Safety Information

Compliance is required with respect to the voltage, frequency, and current requirements indicated on the manufacturer's label. Connection to a different power source than those specified herein will likely result in improper operation, damage to the equipment, or pose a fire hazard if the limitations are not followed.

There are no operator serviceable parts inside this equipment. There are hazardous voltages generated by this equipment which constitute a safety hazard. Service should be provided only by a qualified service technician.

Contact a qualified electrician or the manufacturer if there are questions about the installation prior to connecting the equipment to mains power.

The equipment power supply cord shall be connected to a socket-outlet with earthing connection.

Emissions and Immunity Information

Notice to Users in the United States: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

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

This equipment should be installed and operated to ensure a minimum of 20 cm spacing to any person.

Notice to Users in Canada for IC compliance: This equipment complies with the Class A limits for radio noise emissions from digital apparatus as established by the Radio Interference Regulations of Industrial Canada.

CAN ICES-003 (A)/NMB-003(A)

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) L'appareil ne doit pas produire de brouillage;

(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Notice to Users in the European Union: Use only the provided power cords and interconnecting cabling provided with the equipment. Substitution of provided cords and cabling may compromise electrical safety or CE Mark Certification for emissions or immunity as required by the following standards:

This Information Technology Equipment (ITE) is required to have a CE Mark on the Manufacturer's label which means that the equipment has been tested to the following Directives and Standards: This equipment has been tested to the requirements for the CE Mark as required by EMC Directive 2014/30/ EU as indicated in European Standard EN 55032 Class A and the Low Voltage Directive 2014/35/EU as indicated in European Standard EN 62368-1.

General Information to all Users:

This equipment generates, uses, and can radiate radio frequency energy. If not installed and used according to this manual the equipment may cause interference with radio and television communications. There is, however, no guarantee that interference will not occur in any particular installation due to site-specific factors.

1. In order to meet emission and immunity requirements, the user must observe the following:
 - a. Use only the provided I/O cables to connect this digital device with any computer.
 - b. To ensure compliance, use only the provided manufacturer's approved line cord.
 - c. The user is cautioned that changes or modifications to the equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2. If this equipment appears to cause interference with radio or television reception, or any other device:
 - a. Verify as an emission source by turning the equipment off and on. If you determine that this equipment is causing the interference, try to correct the interference by using one or more of the following measures:
 - i. Move the digital device away from the affected receiver.
 - ii. Reposition (turn) the digital device with respect to the affected receiver.
 - iii. Reorient the affected receiver's antenna.
 - iv. Plug the digital device into a different AC outlet so the digital device and the receiver are on different branch circuits.
 - v. Disconnect and remove any I/O cables that the digital device does not use. (Unterminated I/O cables are a potential source of high RF emission levels.)
 - vi. Plug the digital device into only a grounded outlet receptacle. Do not use AC adapter plugs. (Removing or cutting the line cord ground may increase RF emission levels and may also present a lethal shock hazard to the user.)

If you need additional help, consult your dealer, manufacturer, or an experienced radio or television technician.

Warnings

The equipment power supply cord shall be connected to a socket-outlet with earthing connection.

Risk of Explosion if Battery is replaced by an Incorrect Type. Dispose of Used Batteries According to the Instructions

Radio Equipment Directive

Elo hereby declares that the radio equipment type, Elo handheld Computer, is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address: www.elotouch.com

This device is designed and intended for indoor use only.

	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK

This device is restricted to indoor use

Operation frequency and radio-frequency power are listed as below:

- WLAN 802.11b/g/n/ac
 - 2400 - 2483.5MHz < 19 dBm EIRP
 - 5150 - 5250MHz < 19 dBm EIRP
- BT 2400-2483.5MHz < 11 dBm EIRP

ECC/DEC/ (04)08:

The use of the frequency band 5 150-5 350 MHz is restricted to indoor operation because of the protection requirements of satellite services

EC R&TTE Directive EU Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC Text with EEA relevance.



Identification mark the relevant technical documentation is held at: Elo Touch Solutions, Inc. 670 N. McCarthy Boulevard Suite 100 Milpitas, CA 95035 USA

Model name	USA FCC ID	Canada IC ID
ESY10I4	RBWESYI4	10757B- ESYI4
ESY15I4	RBWESYI4	10757B- ESYI4
ESY22I4	RBWESYI4	10757B- ESYI4

Agency Certifications

The following certifications and marks have been issued or declared for this peripheral:

- UL, FCC (US) – Class A
- cUL, IC (Canada)
- CB (International Safety)
- CE (Europe) – Class A
- VCCI (Japan)
- RCM (Australia)
- ANATEL(Brazil)
- NOM(Mexico)

Waste Electrical & Electronic Equipment Directive (WEEE)



This product should not be disposed of with household waste. It should be deposited at a facility that enables recovery and recycling. Elo has put in place recycling arrangements in certain parts of the world. For information on how you can access these arrangements, please visit www.elotouch.com/e-waste-recycling-program/.



Replace the battery with same type only. Improper replacement of battery may cause in risk of burns, fire, and explosions. Dispose the battery according to local regulations. Risk of fire and burns if properly handled. Do not open and crush, heat above 60° C / 140° F or incinerate. If there is a serious swelling of the battery, do not continue using

Section 7: Warranty Information

For warranty information, go to <http://support.elotouch.com/warranty/>

www.elotouch.com

Visit our website for the latest

- Product Information
- Specifications
- Upcoming Events
- Press Releases
- Software Drivers

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To find out more about our extensive range of Elo touch solutions, go to **www.elotouch.com**, or call the office nearest you.

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