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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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System</td>
<td>Android 10</td>
</tr>
<tr>
<td>Processor</td>
<td>Rockchip RK3399</td>
</tr>
<tr>
<td>Memory</td>
<td>4GB RAM</td>
</tr>
<tr>
<td>Internal Storage</td>
<td>32GB NAND flash memory</td>
</tr>
</tbody>
</table>
| 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       | 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

- Centered Camera
- Analog Mic (Bottom)
- Elo Edge Connect (x4)
- POE Connector
- SD Card
- 2W Speaker (x2)
- Power + Home Buttons
- GPIO
- USB-A
- USB-C
- Ethernet
- DC IN
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 adapter. Installing the adapter with either of these cables connected will damage the device.

2. Remove screw, then lift cover.

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

4. Secure adapter to the I-Series 2.0 using 2 m3x16 screws (included).
1. Install optional spacer included if using 100x100mm VESA mount. Place it over the adapter before adding VESA mounting bracket.

2. 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 adapter 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

<table>
<thead>
<tr>
<th>POWER LED STATUS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF</td>
<td>OFF</td>
</tr>
<tr>
<td>Solid White</td>
<td>Power ON</td>
</tr>
<tr>
<td>Solid Orange</td>
<td>Power OFF</td>
</tr>
<tr>
<td>Blinking White</td>
<td>Idle Mode</td>
</tr>
</tbody>
</table>

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

- Power off
- Restart
- Bug report
- Screenshot
- Emergency

For shutting down the system
For rebooting the system
For Bug Report
For taking screenshot
For Emergency calling

Eloview

- Power off
- Restart
- Emergency

For shutting down the system
For rebooting the system
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 WiFi.

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.

**Notification Bar**

- **Recent App** - Return to the previous page.
- **Home** - Return to the home screen.
- **Back** - Switch between recently used apps.

**Status Bar**

- **Elo View** Quick Settings

**Navigation Bar**

**Shortcut Icons**

- Calendar
- Clock
- Phone
- Email
- Messaging
- Contacts
- Music
**Elo Hub Quick Settings**

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

**Settings:**
- Wi-Fi
- Bluetooth
- Battery
  - Tap an Icon once to enable or disable.
  - Press and hold an Icon to access the settings.

**Volume**
- Move slide bar Left or Right to adjust the volume.

**Brightness**
- Move the slider bar left or right to adjust the brightness level.

**Shortcut to Android System Settings**
- Tap an Icon once to enable or disable.
- Press and hold an Icon to access the settings.

**Exit**

**Navigation Bar**
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 Acess 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.

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.

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
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).

Joining Wi-Fi using QR code

- From the list of saved Wi-Fi scroll down and tap .
- 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 settings 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 activates the hotspot, 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 activates the data saver, 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 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.

<table>
<thead>
<tr>
<th>USE USB FOR</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>File Transfer</td>
<td>❖</td>
</tr>
<tr>
<td>USB tethering</td>
<td>❖</td>
</tr>
<tr>
<td>PTP</td>
<td>❖</td>
</tr>
<tr>
<td>No data transfer</td>
<td>❖</td>
</tr>
</tbody>
</table>

- **File transfer** – This will share i-series 4.0 internal and SD shared storage.
- **USB tethering** – This will share internet network connection.
- **MIDI** – Musical Instrument Digital Interface.
- **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).

  ![Connected devices screen](image)

  ![BT Device Setting](image)

• 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.

  ![Device details screen](image)

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.

![Enable wireless display button]

• 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**.

![Disconnected device]

**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

**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-US82.0 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 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.

> ![Android Keyboard (AOSP)](image)

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

> ![Android Keyboard (AOSP)](image)

- 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.

<table>
<thead>
<tr>
<th>Screen Orientation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>90</td>
</tr>
<tr>
<td>180</td>
</tr>
<tr>
<td>270</td>
</tr>
</tbody>
</table>

- 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.

![Sound Volume Sliders]

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.

![Do Not Disturb Settings]

- 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 Alarm Sound

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

- Select to audio output port.
- Default is Auto
Advanced

- To enable or disable on the following features below, tap a feature.
To manage Storage, enter Android 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 Manager
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.
Security

To change Security settings, enter Android 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.

- 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.

- 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.
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 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 options 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 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. Español).

![Languages & input screen]

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

![Languages screen with selected languages]

- Tap OK to remove selected language.

![Remove selected language dialog]

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.

![Reset options](image)

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

**To switch users**
- Tap a user or name from the following option.

![Users & Profiles](image)

**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

<table>
<thead>
<tr>
<th>Device name</th>
<th>10in-i-Series-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency information</td>
<td>Info &amp; contacts for Owner</td>
</tr>
<tr>
<td>Legal information</td>
<td></td>
</tr>
<tr>
<td>Model &amp; hardware</td>
<td>Model: 10in-i-Series-4</td>
</tr>
<tr>
<td>Model description</td>
<td>10in-i-Series-4, ev12</td>
</tr>
<tr>
<td>Android version</td>
<td>10</td>
</tr>
<tr>
<td>IP address</td>
<td>Unavailable</td>
</tr>
<tr>
<td>Wi-Fi MAC address</td>
<td>1:ce:c9:1f:74:2c</td>
</tr>
<tr>
<td>Bluetooth address</td>
<td>1:ce:c9:1f:74:2b</td>
</tr>
<tr>
<td>Up time</td>
<td>30:23</td>
</tr>
<tr>
<td>Build number</td>
<td>SWEP_sdms660a302_v61.023.02.p_01</td>
</tr>
</tbody>
</table>

- 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
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.

<table>
<thead>
<tr>
<th>Settings</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Resolution &amp; quality</td>
<td></td>
</tr>
<tr>
<td>Capture Sound</td>
<td></td>
</tr>
<tr>
<td>Save location</td>
<td></td>
</tr>
<tr>
<td>Picture and Video Save Location</td>
<td>Camera default storage</td>
</tr>
<tr>
<td>Restore Default Settings</td>
<td></td>
</tr>
</tbody>
</table>
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.

![Video Icon]

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

![Camera 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 à System à 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.
## Optional Peripherals

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>E413396</td>
<td>Elo Power over Ethernet kit</td>
</tr>
<tr>
<td>E572635</td>
<td>90W power brick kit</td>
</tr>
<tr>
<td>E134699</td>
<td>3d Camera</td>
</tr>
<tr>
<td>E201494</td>
<td>2d Camera</td>
</tr>
<tr>
<td>E134286</td>
<td>Kit for scanning fingerprints</td>
</tr>
<tr>
<td>E001004</td>
<td>Kit for Near Field communication</td>
</tr>
<tr>
<td>E001002</td>
<td>Kit for Magnetic strip reader</td>
</tr>
<tr>
<td>E651272</td>
<td>GPIO version of the Status light kit</td>
</tr>
<tr>
<td>E644767</td>
<td>USE version of the status light kit</td>
</tr>
<tr>
<td>E093433</td>
<td>Kit for 1d barcode scanning</td>
</tr>
<tr>
<td>E393160</td>
<td>Kit for 2d barcode scanning</td>
</tr>
<tr>
<td>E384627</td>
<td>Kit for 2d barcode scanning</td>
</tr>
<tr>
<td>E361850</td>
<td>Kit for 2d barcode scanning</td>
</tr>
<tr>
<td>E926356</td>
<td>Kit for 2d barcode scanning</td>
</tr>
<tr>
<td>E534879</td>
<td>Kit for Temperature sensing</td>
</tr>
<tr>
<td>E809509</td>
<td>Expansion module kit</td>
</tr>
</tbody>
</table>
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.
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 5150-5350 MHz is restricted to indoor operation because of the protection requirements of satellite services.


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

<table>
<thead>
<tr>
<th>Model name</th>
<th>USA FCC ID</th>
<th>Canada IC ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESY10I4</td>
<td>RBWESYI4</td>
<td>10757B- ESYI4</td>
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<tr>
<td>ESY15I4</td>
<td>RBWESYI4</td>
<td>10757B- ESYI4</td>
</tr>
<tr>
<td>ESY22I4</td>
<td>RBWESYI4</td>
<td>10757B- ESYI4</td>
</tr>
</tbody>
</table>
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)

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/
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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www.elotouch.com

User Manual – Elo i-series 4.0 value