InFocus Corporation

JTouch 00 Software Guide

Marketing Name	JTouch 00				
Regulatory Models	D131	D132	D133	DS134	D135
Part-Numbers	INF5500	INF6500	INF7500	INF8600	INF9800
	INF5501	INF6501	INF7501	INF8601	INF9801

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All pertinent state, regional, and local safety regulations must be observed when installing and using this product. For reasons of safety and to help ensure compliance with documented system data, only the manufacturer shall perform repairs to components.

Failure to observe this information can result in injury or equipment damage.

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Various symbols are used throughout this users guide and on the product to prevent physical harm to you or other people and damage to property. The symbols and their meanings are explained below.

Read and carefully follow the instructions that are marked with these symbols and labels to avoid injury to persons or damage to property.

Notes, cautions and warnings

(i) **NOTE** | A NOTE indicates important information that provides assistance, guidance or information for better use of the product

⚠ **CAUTION** | A CAUTION indicates potential damage to hardware and informs you how to avoid the problem

⚠ **WARNING** | A WARNING indicates potential for property damage, personal injury or death

Touch gestures

The following images detail the touch gestures used on this display.

Single Left

Single Right
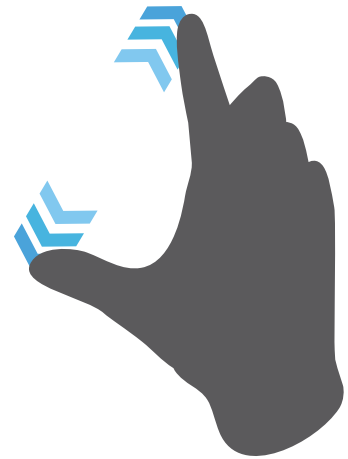
Spread

Pinch
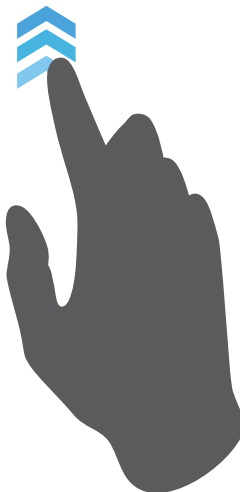
Swipe Up

Swipe Down

Single Tap

Double Tap
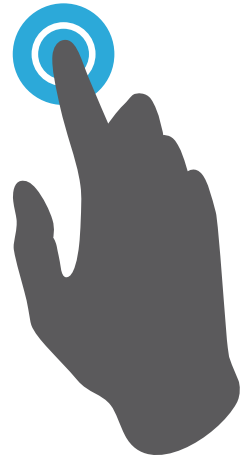
Press Hold

Multi Touch

S-write whiteboard

The S-Write whiteboard software contains a selection of tools such as pen colour selection, split screen, single/ multi touch and more that enable and enhance the usability of the JTouch display.

The following guide will help navigate through the tools and show how to setup and use them.

Overview of toolbar icons
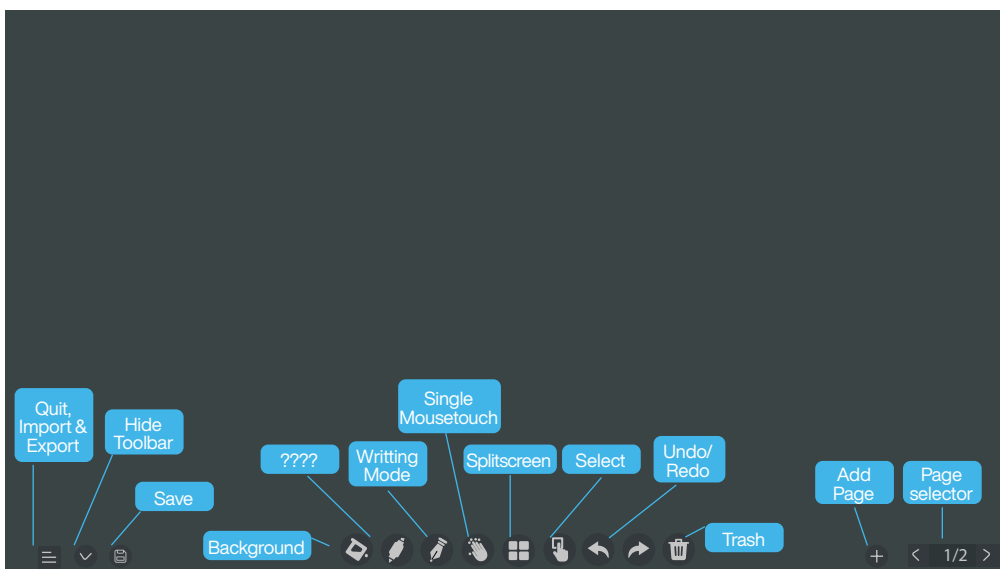
Background

The background tool can apply different colour backgrounds or images to the whiteboard from the options already available or by importing them from the file manager.

Press the tool icon to open up the background picker and select the colour
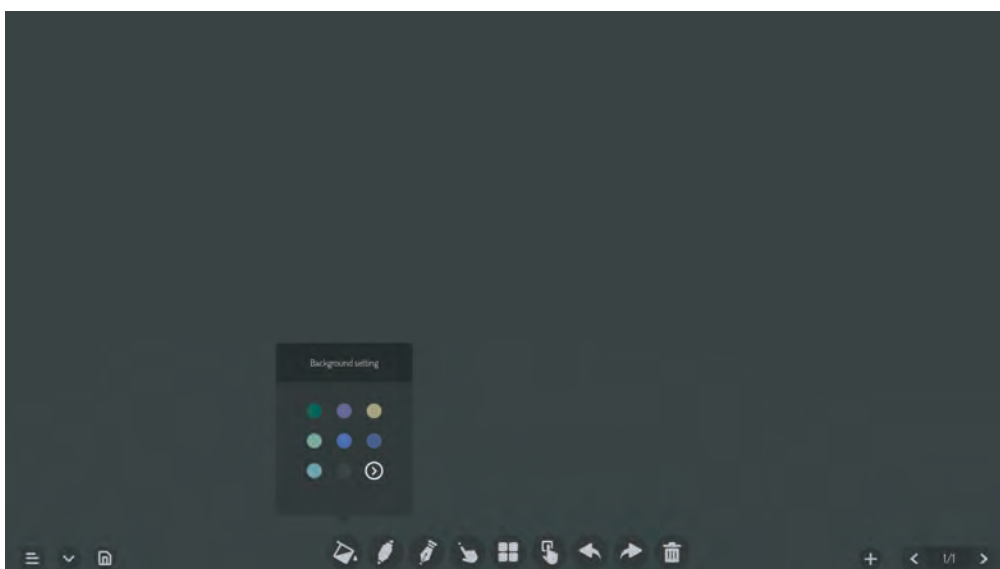
Press the arrow icon in the picker to open up the background picker and select your choice, this will immediately apply to the whiteboard.
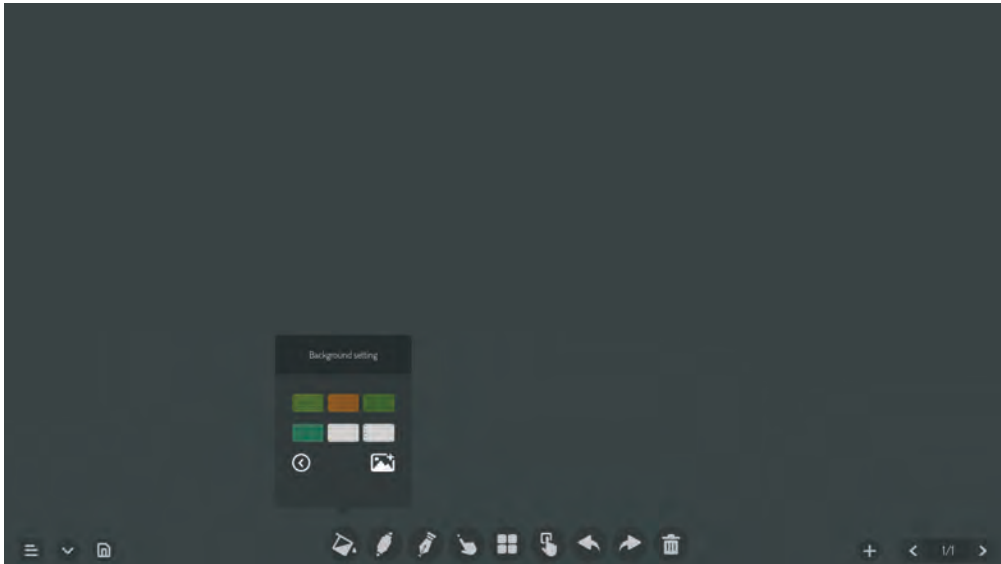
Press the image icon in the picker to open up the import option to allow for your own images to be set as the background
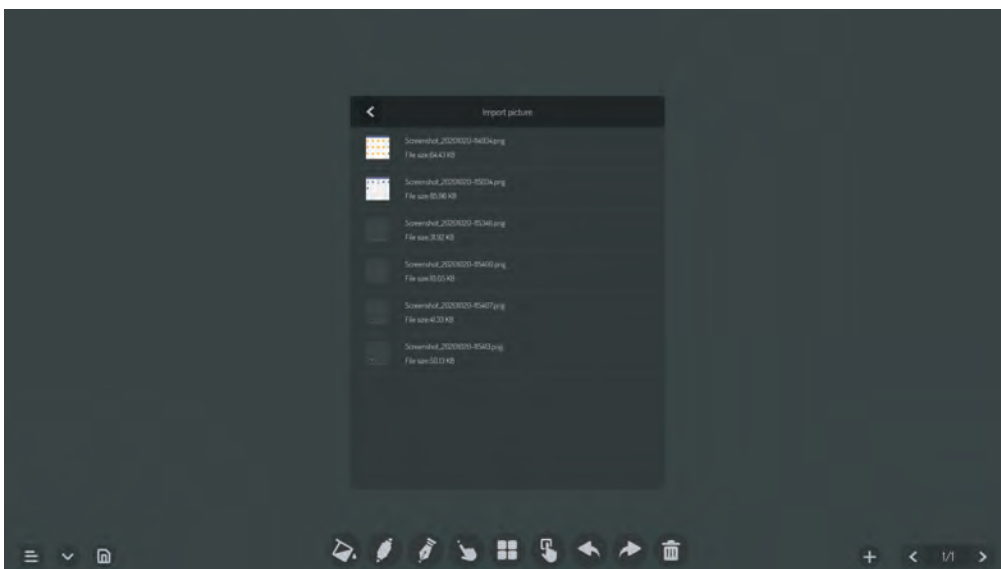
Once you have selected you background colour or image, press the background icon on the toolbar to close and return to the whiteboard.

S-write whiteboard

Pens

The pen option allows to customise the colour and thickness of the two pen tip sizes (pens included with display). Open the tool and select which pen to change from the tabs displayed.

Once the selection is made you can select from the colour options by pressing the colour icon. To adjust the thickness of the pen uses the slider bar to set the preferred option.
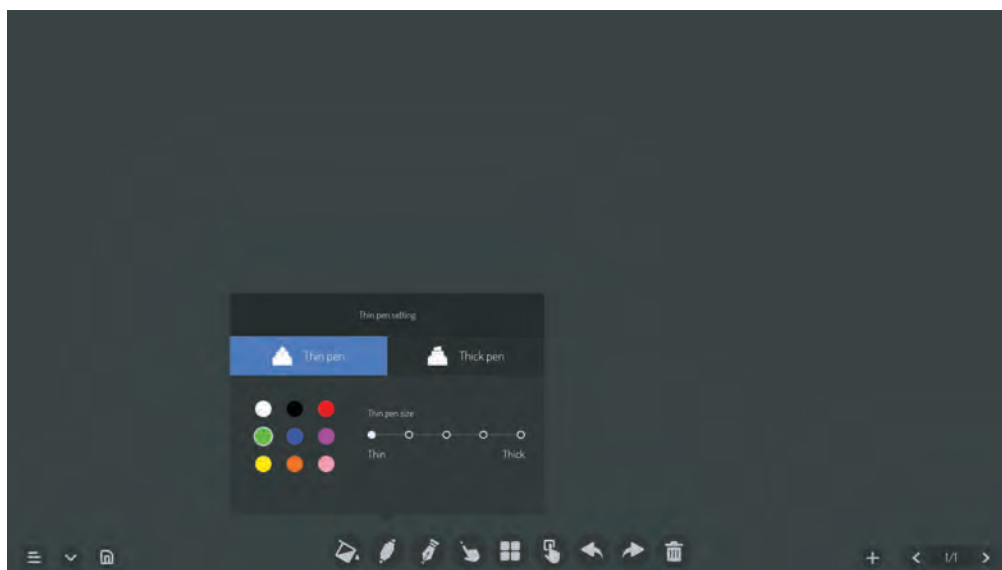
There is an additional option available when setting the Thick pen. You can change the thick pen to be a small eraser instead of a drawing pen. Simply turn on the option called "precise eraser"
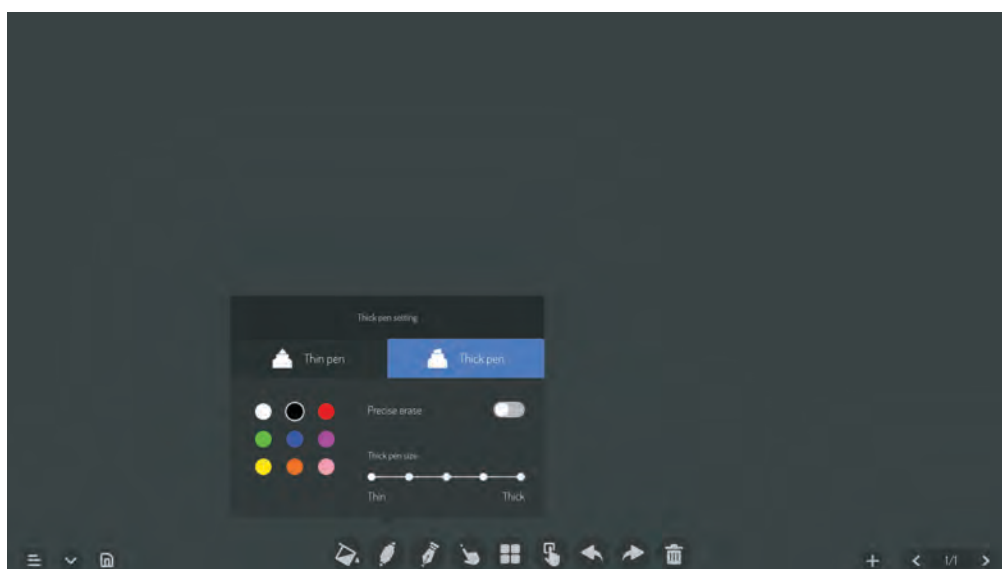
Once all settings are made, press the "pen" icon on toolbar to close and you can begin using your settings.

Writing Mode
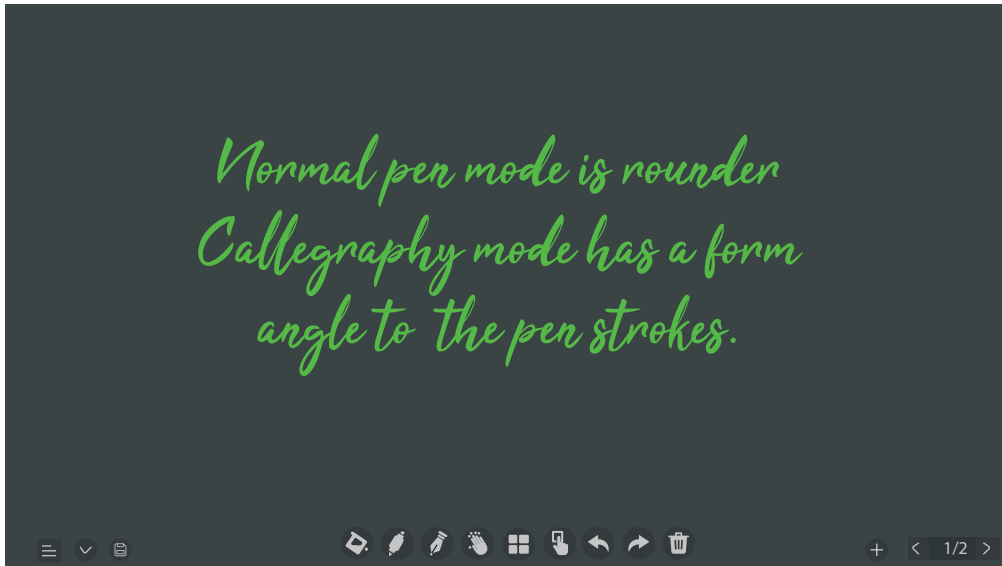
This mode changes the pen stroke from being a rounded style pen to a "calligraphy" style giving a sharper look to the text written on screen. This works best when pens are set to the medium to high thickness setting.

Press the toolbar icon to activate/deactivate the setting. When activated the icon will become a darker colour

Single/Multi Touch

The "hand" icon when toggled on/off with activate the single or multi touch mode for writing.

Single touch allows for a single pen to be active and will use the "Thin Pen" settings from the pen customisation option. Refer to "Pens" in user guide.

Multi touch activates the whiteboard to allow up to 16 points of touch and will use both "Thin" and "Thick" pen models dependant on the size of the touch point on screen.

S-write whiteboard

Cover, Import and Split Screen

Press this icon open up three options to offer additional features
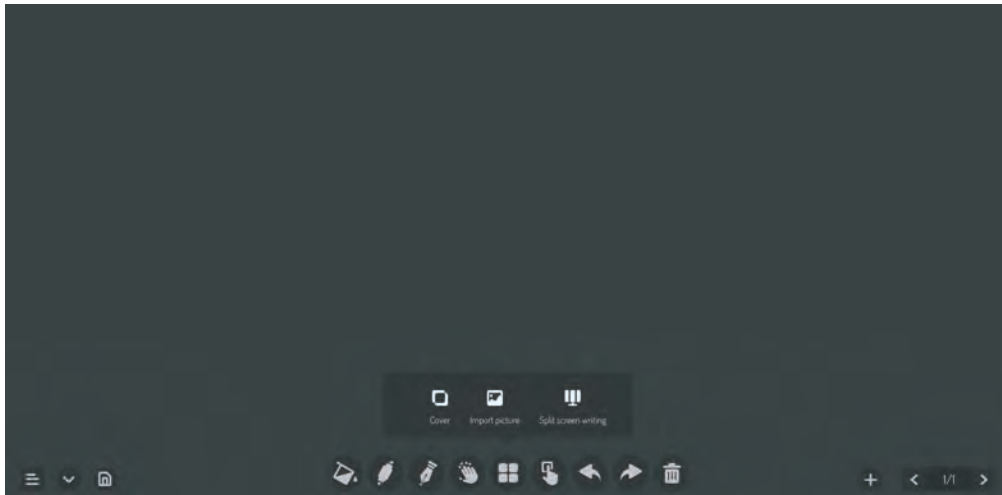
Cover Mode

When cover mode is selected the screen will turn a darker shade to block out the whiteboard to hide the content and a highlight block will appear.
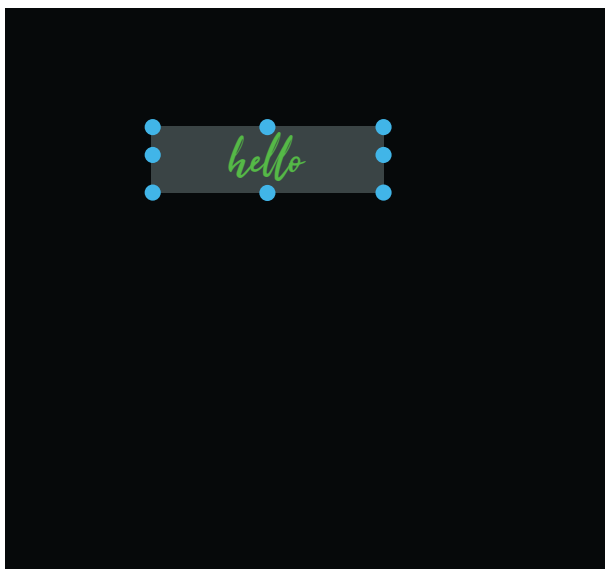
The size of the area can be adjusted to display or cover more of the whiteboard based on your personal preference and using you finger you can drag the shape around the screen to uncover the area behind the highlight area as shown below

Import Picture

The import picture tool when selected will open a file manager that will allow navigation through the folders on the local storage or any connected USB drives. As images appear, they will be shown in the file manager and can be selected to import a single file at a time.

Once the image has been imported, you are able to adjust the size using pinch/zoom gesture, rotate the image using to fingers in a circular motion or move the image to another position using single touch.

After the image has been adjusted, press the "tick" in the upper right corner of the image to save the position. If the image is not the correct one, it can be removed by pressing the "X" in the upper left of image

S-write whiteboard
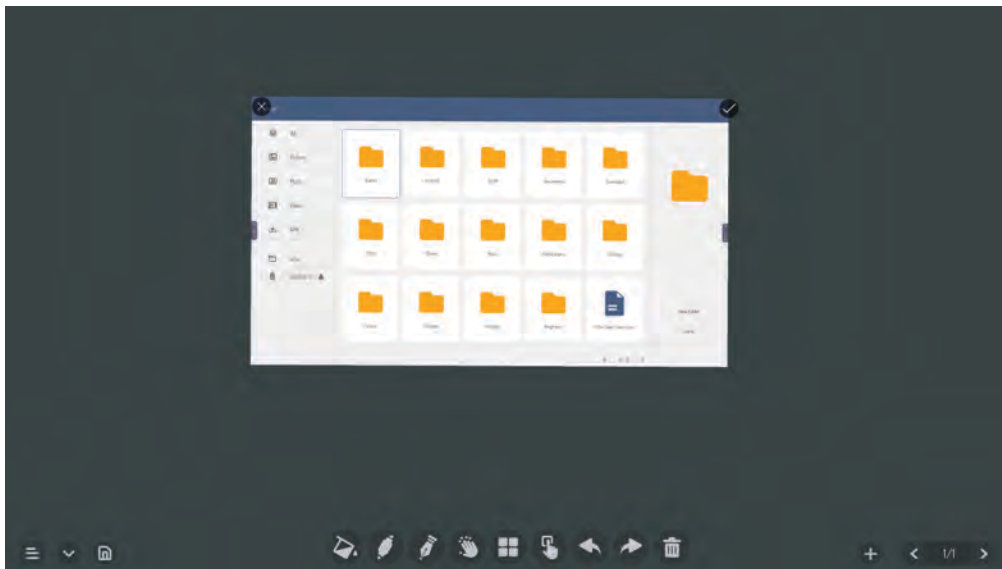
Split Screen

Upon selecting the split screen icon, two options will be available to choose either "two" or "three" split screens. Select the option and confirm.
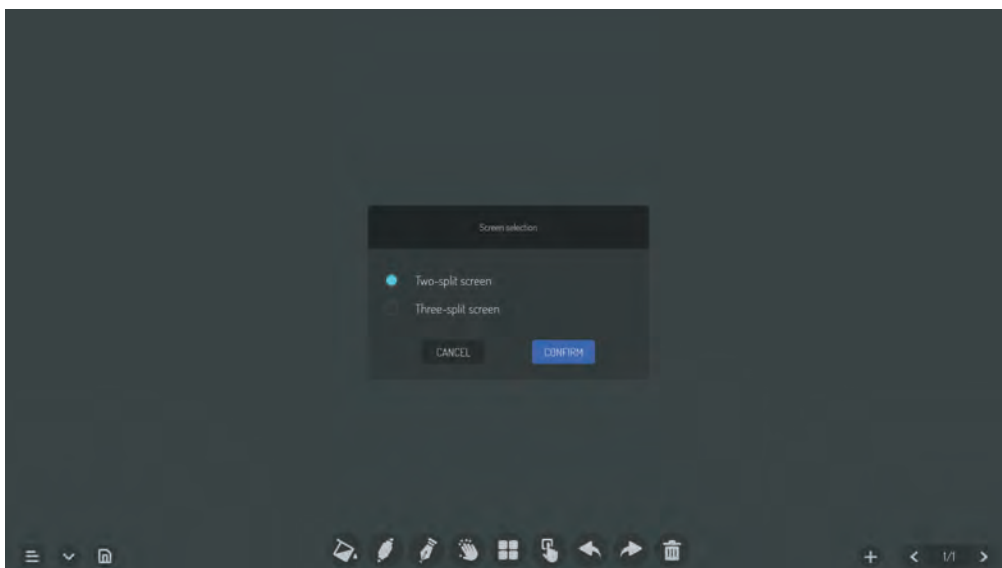
The screen will adjust and open up the new whiteboard layout. The screen shown below is "two" split screens and divided in the middle. The screens are independent from each other.
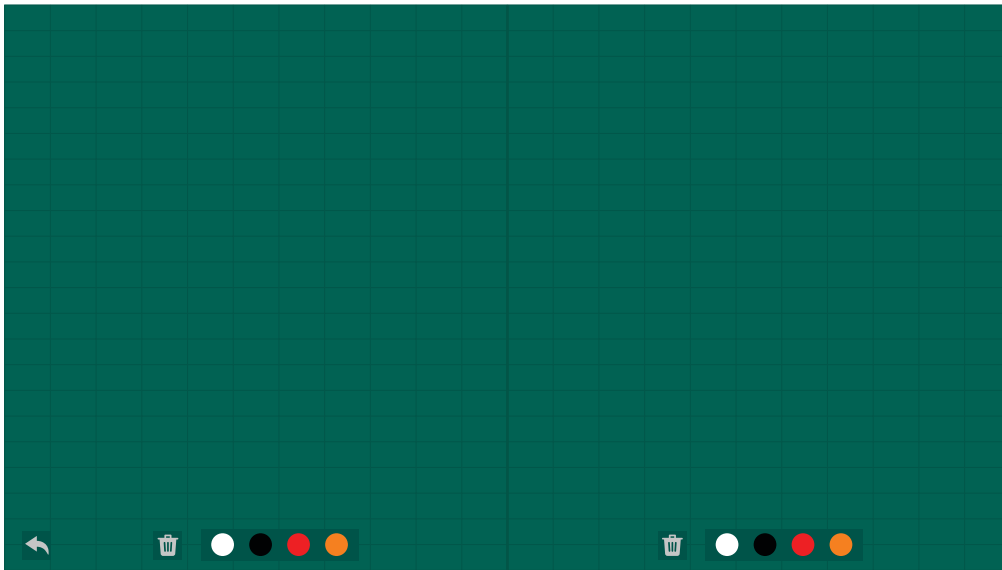
Each screen had a selection of colours to use and the pen thickness will be a "thin" pen and is a fixed size for both sides.

The screen is not possible to be saved but a screenshot could be taken to capture the text written for future use.

When the split screen mode is no longer required, press the back button on screen to return to the main whiteboard.

Selection Tool

The whiteboard has the ability to adjust objects on the screen whether this is text or images. Using the selection tool on the toolbar, objects can be selected using a single touch and drawing over or around the object to select.
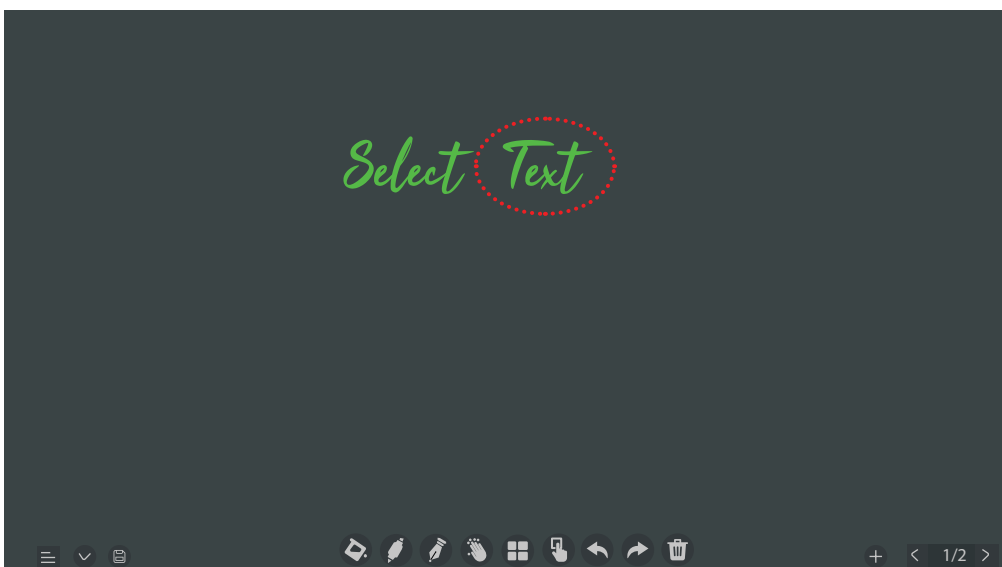
S-write whiteboard

Once the selection is made, the object will be indicated by a box shape to confirm the selection.
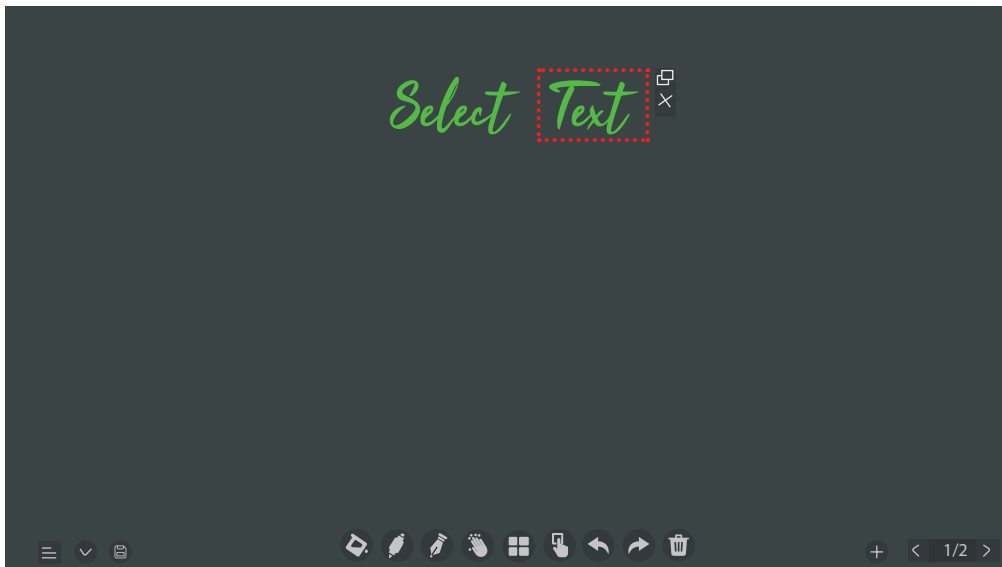
Objects can be moved around the whiteboard using single touch and can be removed by pressing the "X" next to the selection. Using the pinch action with two fingers allows the object size to be increased or decreased. Tap anywhere on the screen to complete the process
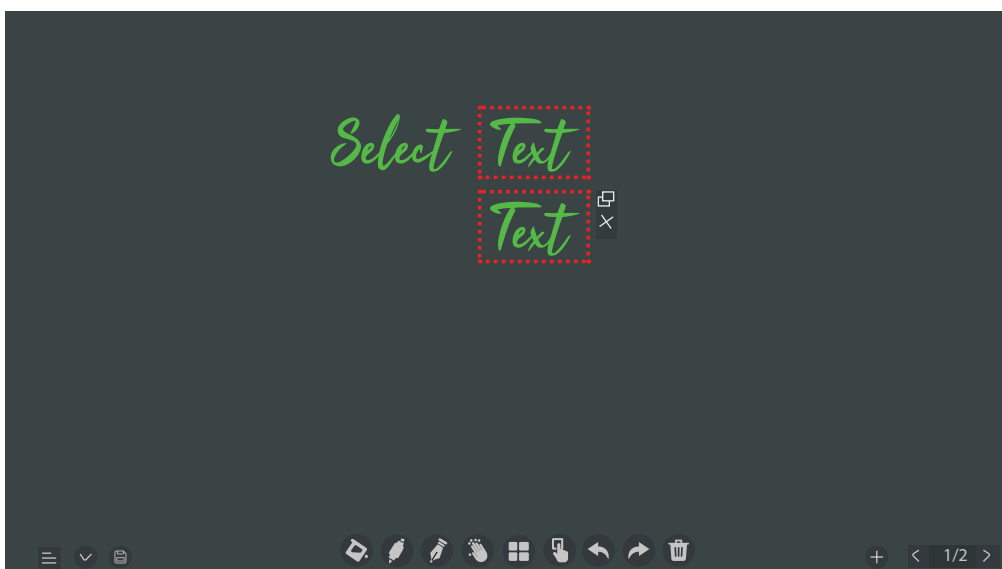
Duplicating objects is possible once an object is selected, press the button in upper right corner of object and then move the complete object to new location. Tap anywhere on the screen to complete the process

Undo / Redo

``The two back/forward arrows on the toolbar allow for users to undo a piece of work or redo something that was maybe changed. Simply press the buttons until the stage of work required is found.

Trash

Pressing the trash icon will delete all objects on the page, a confirmation box will appear to confirm this action is required. If multiple pages have been created on the whiteboard, the trash function will only work on the currently displayed page.

Hide Toolbar

Pressing this with hide the complete toolbar to remove the additional tools if they are a distraction whilst working. The toolbar can be opened again by pressing the icon again.

Add and Select pages

The whiteboard is able to create 25 separate pages. Pages can be added by pressing the "+" in the lower right side of the screen and the additional pages will be shown in the page indicator.

Users can switch between pages by pressing the "Next/Previous" arrows on the page selector to skip through the pages created. Alternatively, press the page number indicator in the middle to display thumbnails of the pages available.

If there are more than 10 pages, the thumbnails can be scrolled through using a single touch and dragging the images up or down to view the remaining pages. Pages can be removed by pressing the "X" on each page thumbnail.

To close the thumbnails, press the page number indicator.
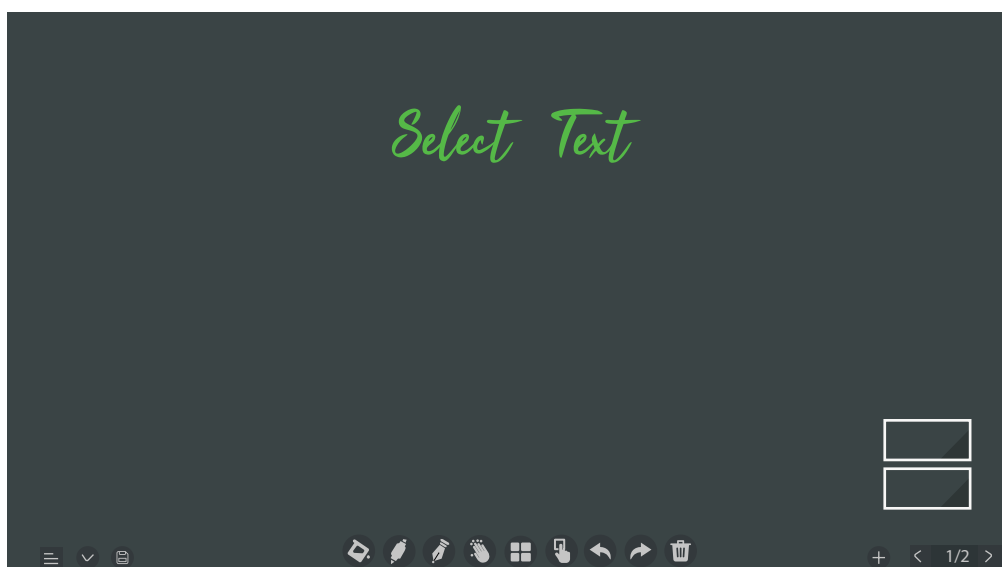
S-write whiteboard

Save Whiteboards

Saving your work is just as important as creating and whether this be single or multi pages this can be easily completed by press the save icon in lower left of screen.

An option screen will appear where you can change the name of the file by pressing the current name and use the on-screen keyboard.
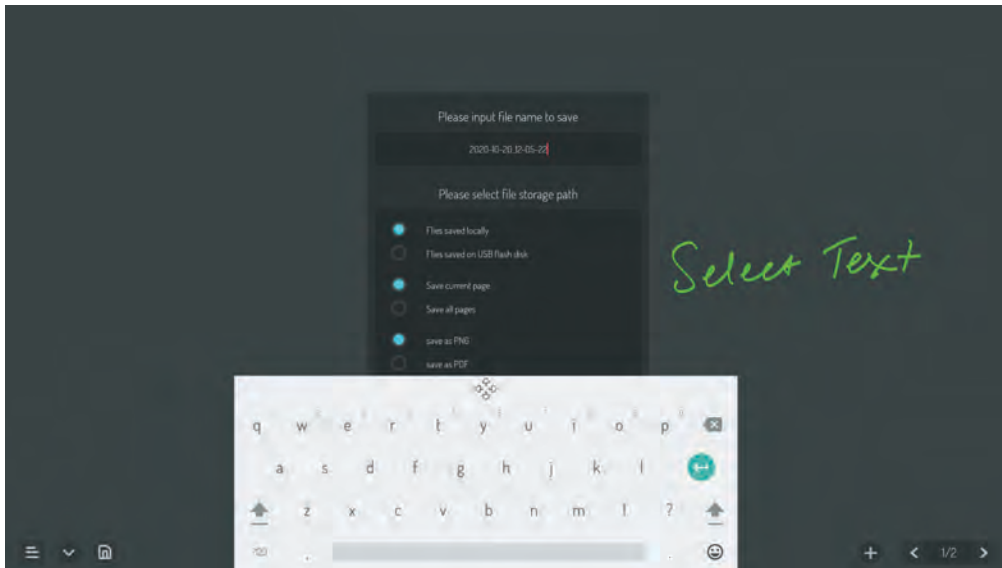
Select the location to save the files, the file type and whether a single or all pages are to be saved. When the selection is complete, press confirm to complete.
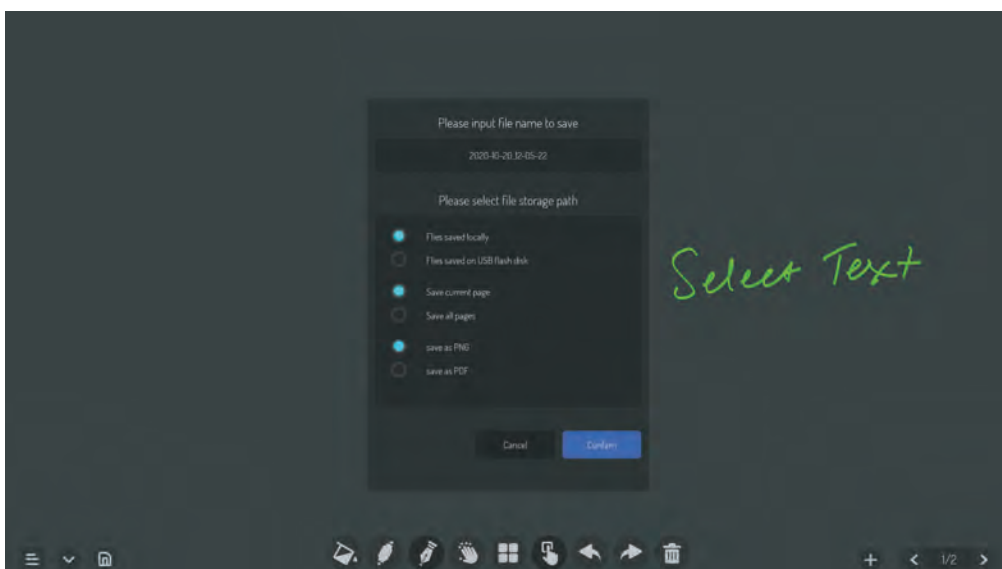
Importing, Exporting and Sharing whiteboard.

Opening the menu icon in lower left of screen will provide options to Import notes opens previously saved whiteboard text, objects and images onto a grid template background.

Export notes will save the text, objects and images to a file that can be later imported into a new whiteboard.

Sharing the whiteboard with local users by generating a QR code is possible. Once the process is complete a QR code will be shown on screen for users to use mobile devices to scan and view via the web browser the whiteboard file.
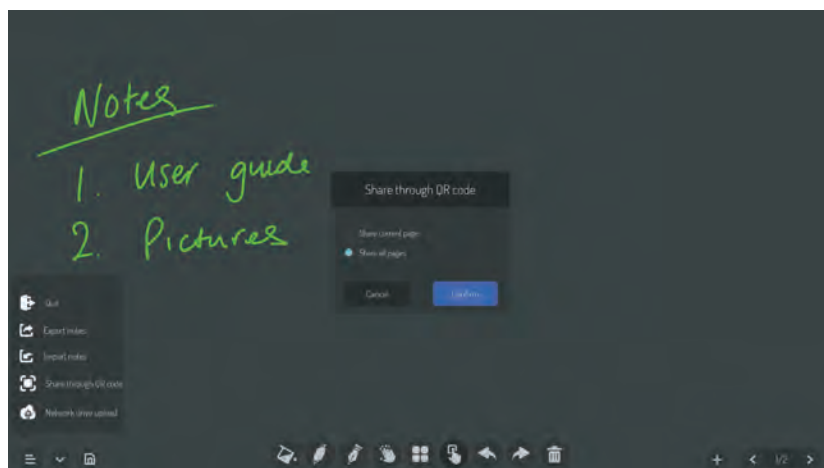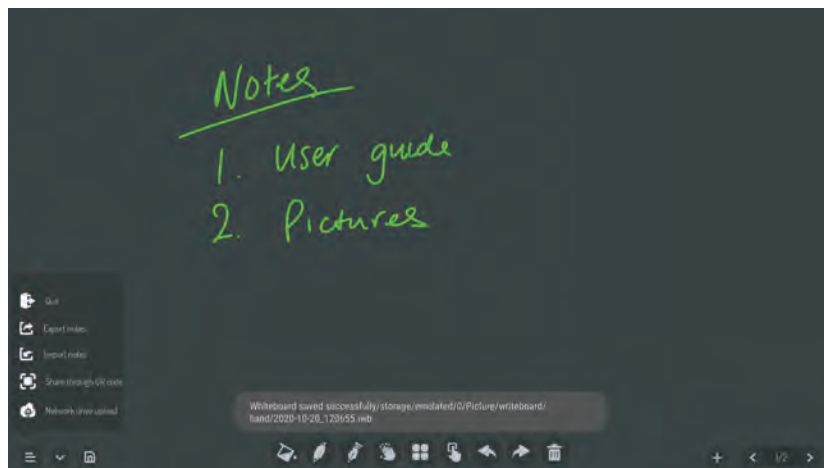
Quitting Whiteboard

The whiteboard once finished can be closed using the "Quit" menu option. Users will have the choice to leave without saving, save before closing or leaving the whiteboard running in the background.

Quit without saving will remove all the content and close the application, all data is lost and can't be recovered.

Saving will create a save option to save the file locally, change the file name and save as a picture or PDF.

These are not whiteboard files and therefore no changes can be made to the files when opened.
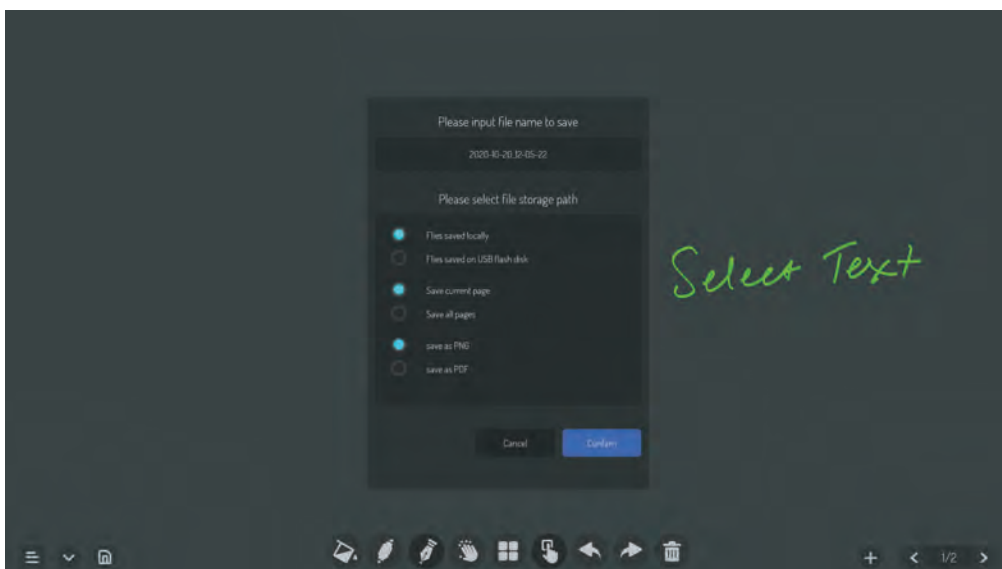
Running in the background allows all the whiteboard to be opened again later with all the information available previously. This is a useful option if temporarily not using the whiteboard but will come back to make changes to the content later.

Launch app from home screen icon or from icon in the "more" folder

Fig. 1

A full screen browser window will appear with the default google page
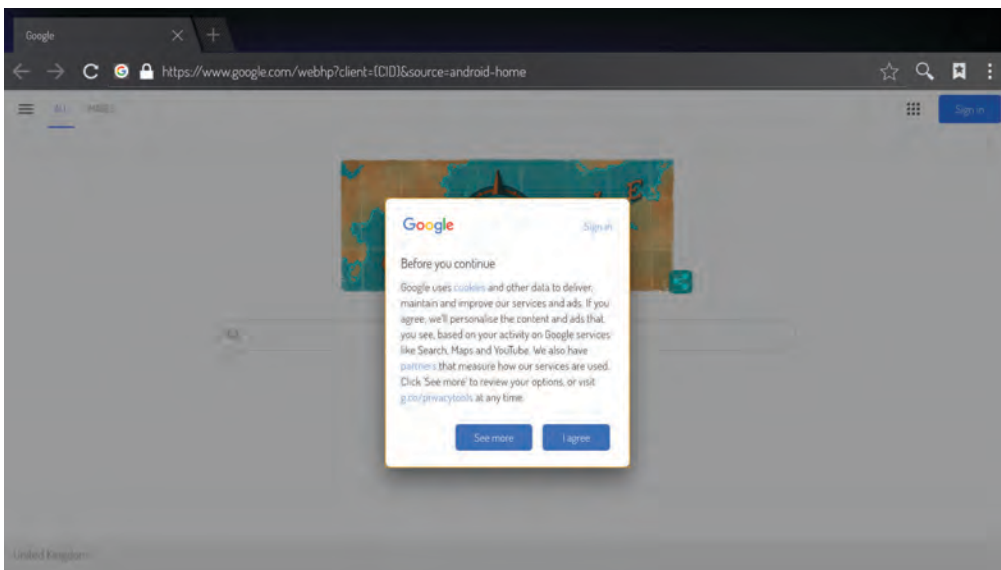
Fig. 2

Opening Tabs

- To open additional tabs to have multiple website available, simply press the "+" icon at the top of the page next to the current open tab
- A new blank page will appear in the new tab
- You scan switch between these tabs by pressing the required tab at top of screen

Browser user guide

Saving Bookmarks

- Select the bookmark icon "star symbol" in upper right of the page
- Label: Enter the preferred bookmark name
- Address: The address of the page will already be complete and can be adjusted if required
- Account: This feature is currently not active
- Add to: Always use Bookmarks
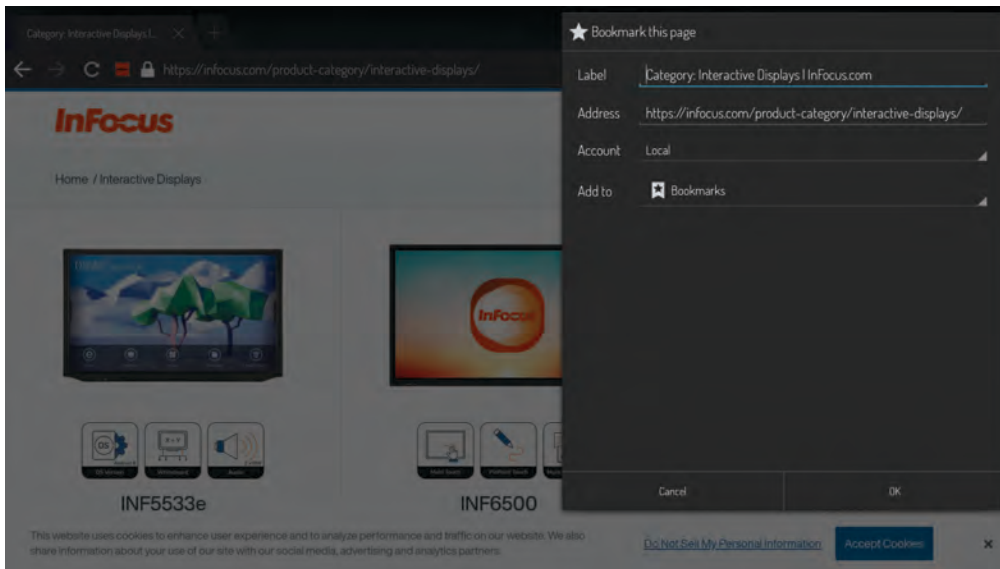
Fig. 3

Once complete press OK at bottom

Viewing Bookmarks

To view the saved bookmarks, press the "ribbon with star" icon on the main page shown in Fig. 2
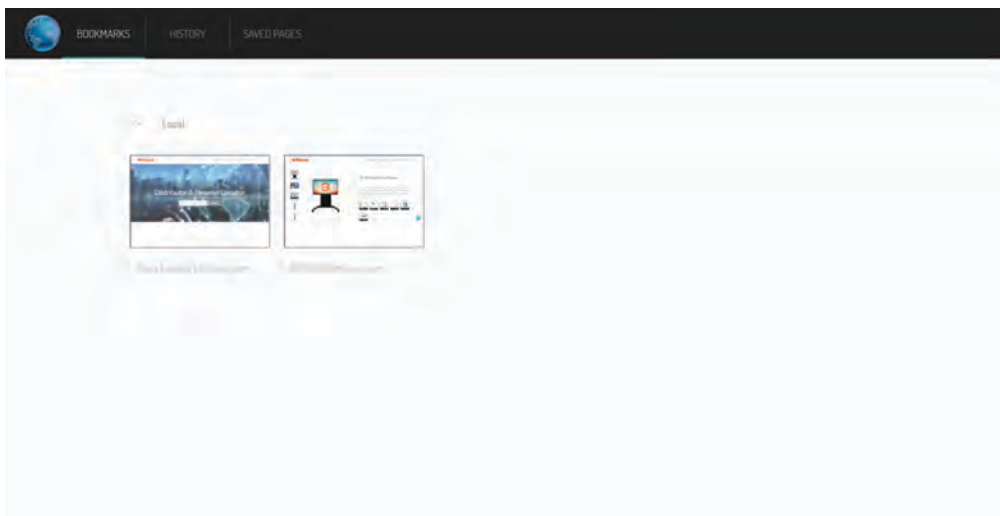
Fig. 4

To open the required bookmark just tap the bookmark image on the screen to load

Search Tool

- The browser is able to suggest options of pages when using the search tool.
- Press the "search icon" in top right of screen when viewing a website (shown in Fig. 2)
- A search bar opens at the top of the screen, tap the text bar at top to open the on screen keyboard
- Enter the word you would like to search and a selection of search results will show, tap the option to load the page
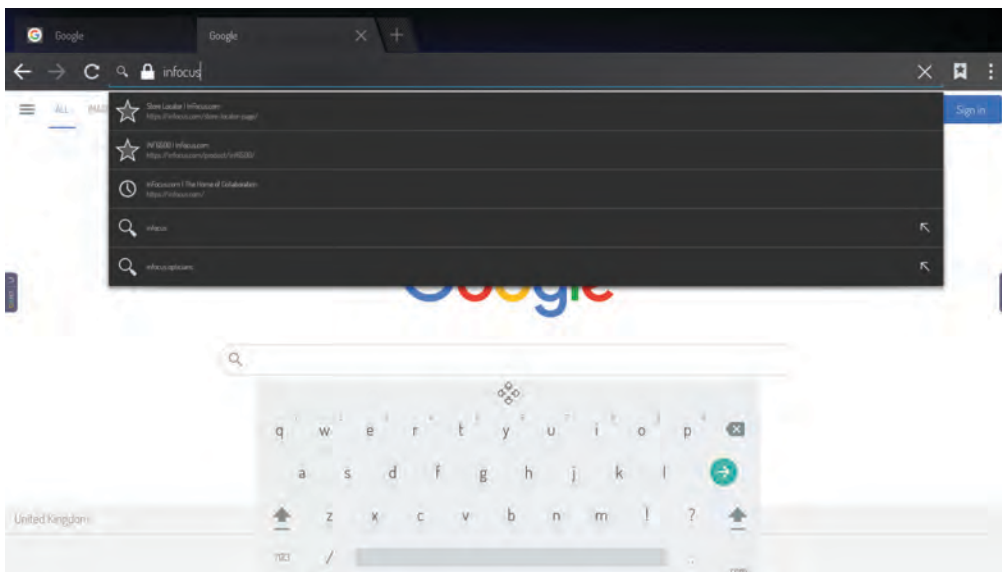
Fig. 4

More Options

To access more options for page history, find on page, settings and more

Press the "more" icon in you right of screen, this opens a list as shown in Fig. 6

Fig. 6

Browser user guide

Refresh

Refresh the current open page to obtain the latest information

Forward

Allows navigation forward of webpage if having already used the "previous" page function in the browser found to the left side of the URL navigation bar

New Tab

Use this to open additional tabs to have multiple website available

A new blank page will appear in the new tab

You scan switch between these tabs by pressing the required tab at top of screen

Share Page (WPS Office account required)
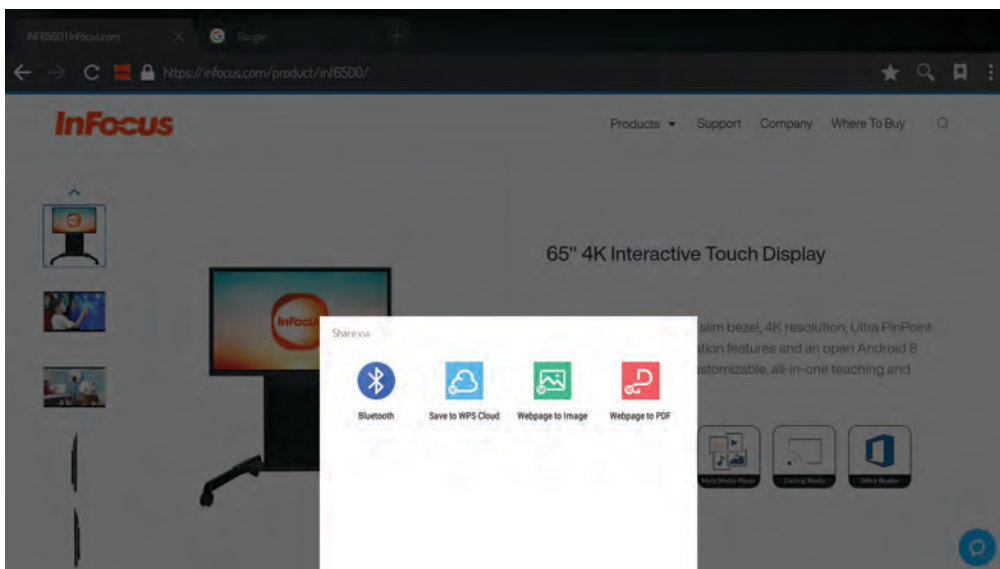
Fig. 7

Using a WPS Office account you are able to share the web pages by either saving to the WPS cloud drive, sending as an image or PDF. Select the option from the list and follow the on screen prompts.

Find on Page
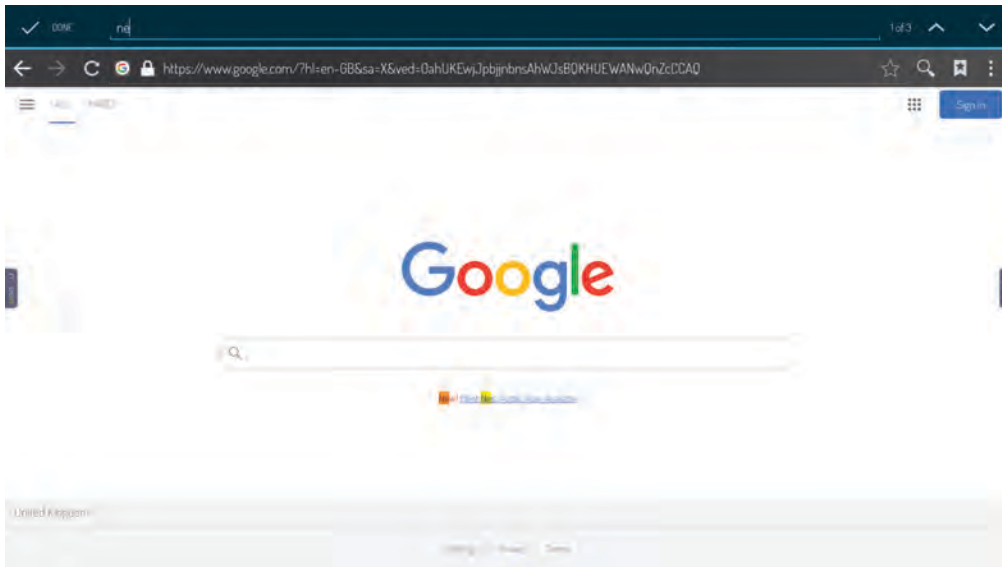
Fig. 8

- The browser is able look for words or strings of characters on a webpage
- Press the "more icon" in top right of screen when viewing a website show in Fig. 8
- A search bar opens at the top of the screen
- Tap the text bar at top to open the on screen keyboard. Enter the word you would like to search for and a selection of results will highlight on the page. You can skip forward and back between the results using the "up/down" buttons on top right of screen (Fig. 8). Once finished press "done" in top left of screen to close the tool

Page Info

This provides basic information on the page open and also gives access to the security certificate the website owner provides.

Fig. 9

Browser user guide
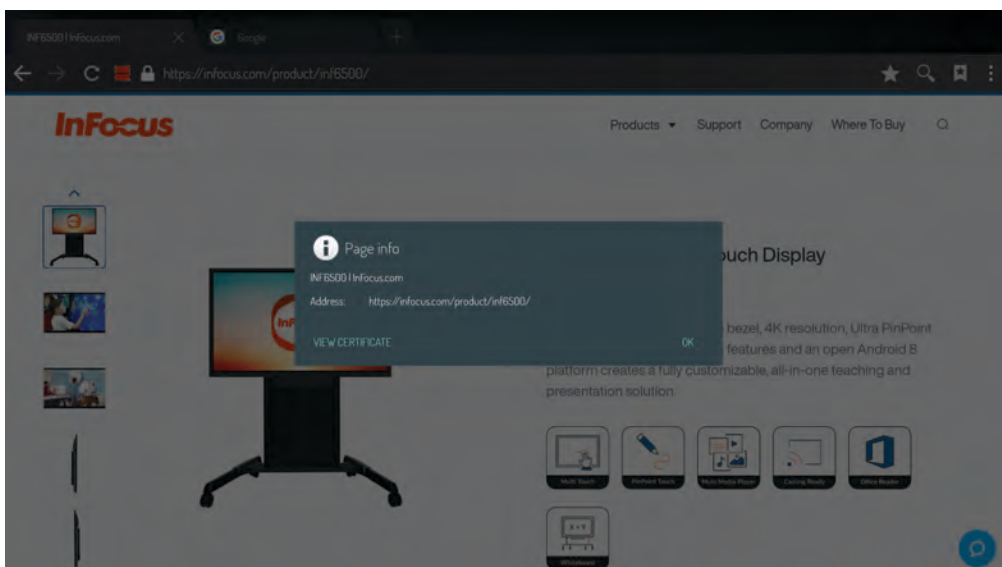
Downloading list

- To find files downloaded from the browser, use this to open the document manager, search using the category
- Sort the listing by either "modified date, Name, size" and also "ascending or descending" order
- To open the file just double tap the icon
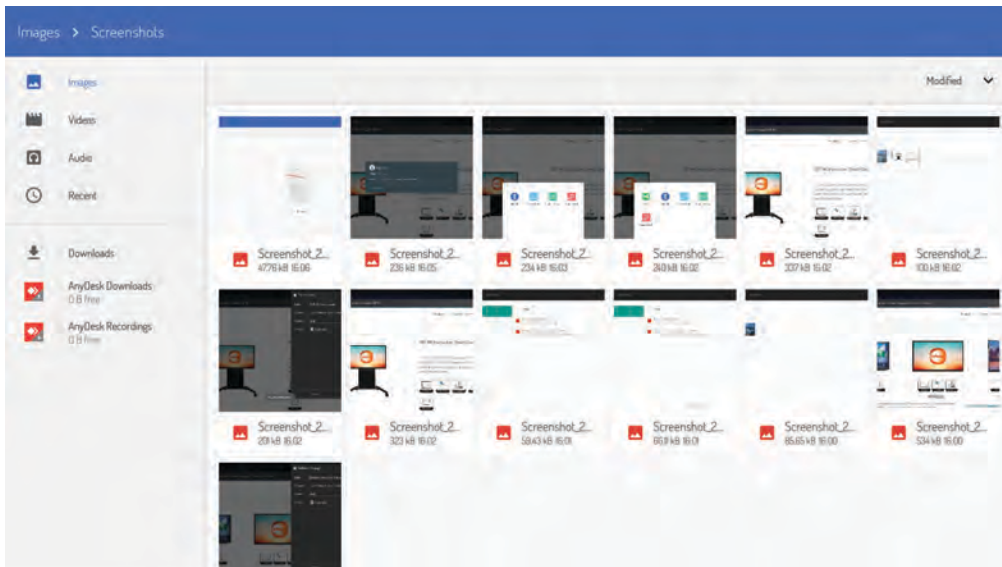
Fig. 10

Floating Tools

The browser has a floating tools option which creates shortcuts to some of the tools found in the "more options" menu.

This is switched on in the browser settings under "Labs", to active the tool icon press on the side of the screen on a web page, whilst pressing move your finger across to highlight a menu option and release.
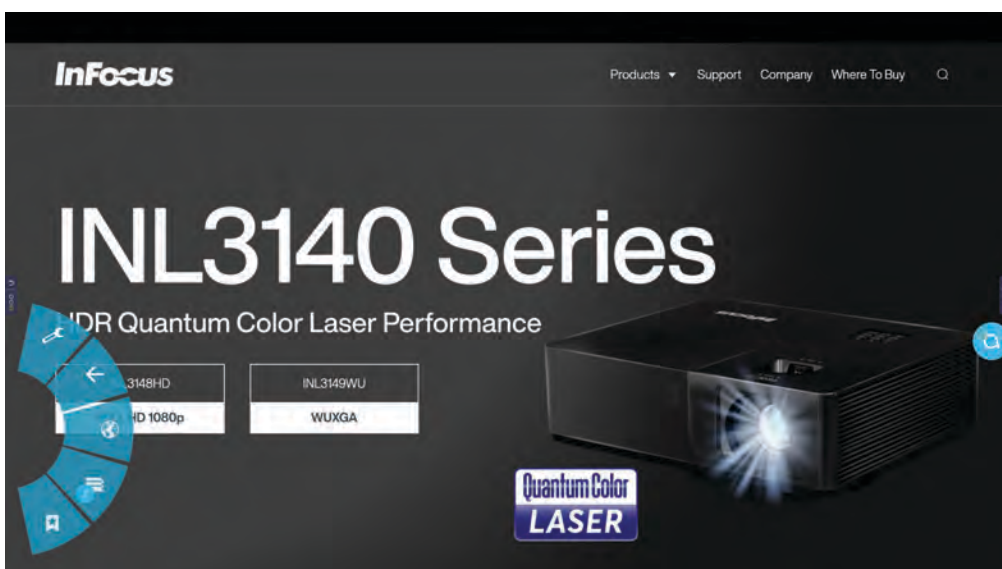
Fig. 11

Web share and search
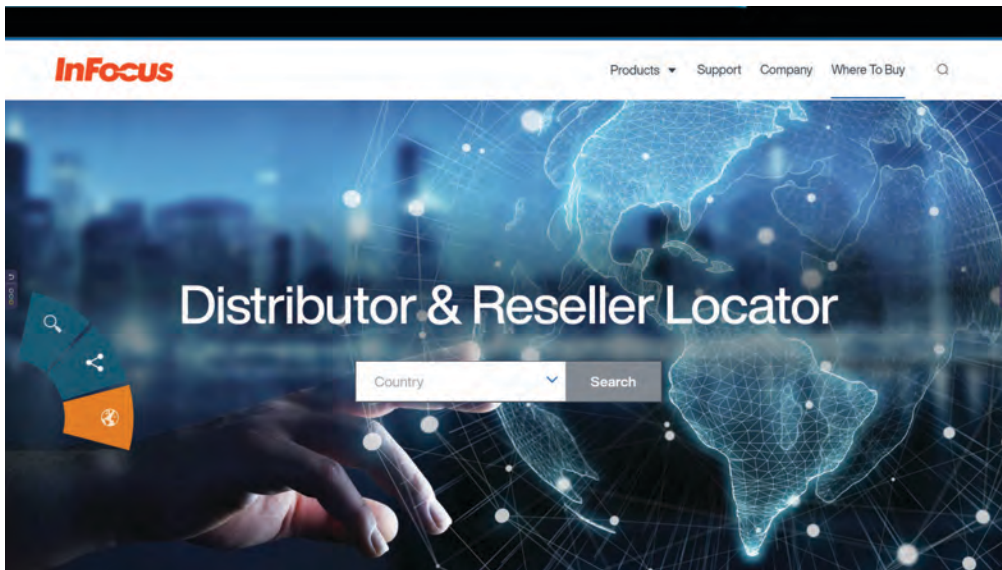
Fig. 12

3 options are provided; Search, Share & Find on page.

Details on how to use these tools are found in the previous section of the browser guide

Page Navigation
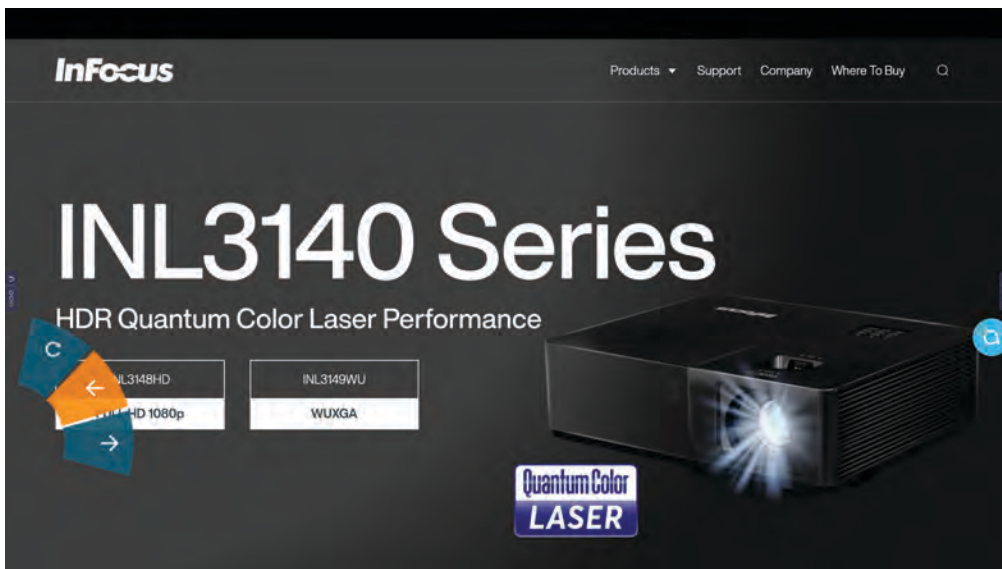
Fig. 13

3 options are provided; Refresh, Forward & Previous

Details on how to use these tools are found in the previous section of the browser guide

Browser Settings

2 options are presented. Settings which will open the main browser settings page and Mobile option which changes the browser mode to a mobile version removing the search and navigation icons for a full screen experience.
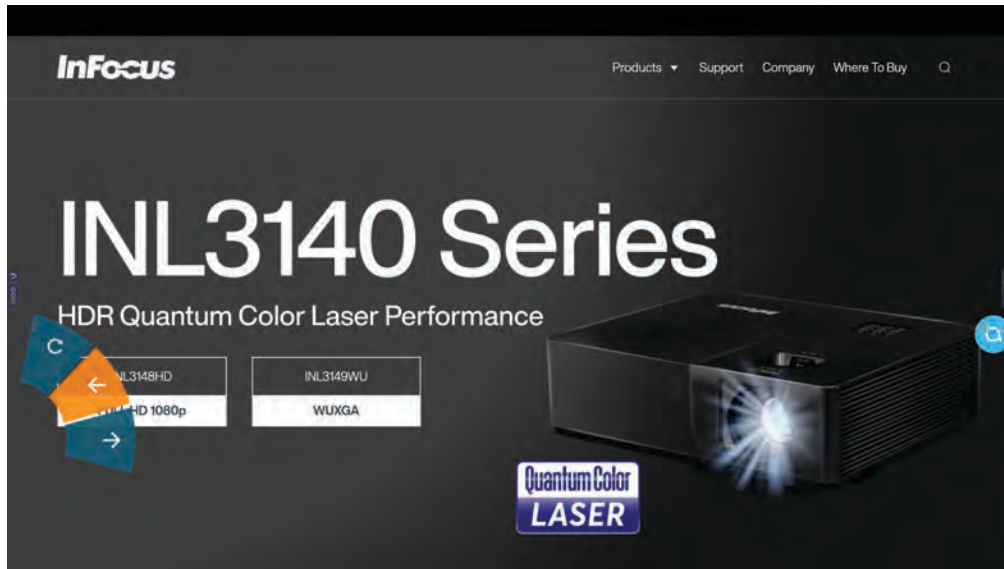
Fig. 14

Page view

Within this option you are able to "Add/Close" a tab and also switch between open tabs
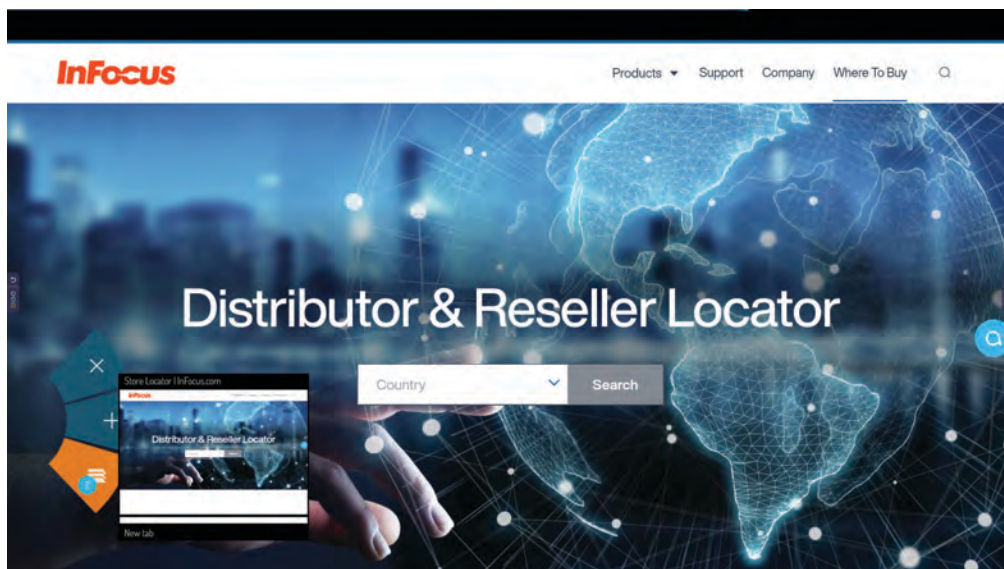
Fig. 15

When multiple tabs are open, whilst still pressing slide over to the page icon and select other pages
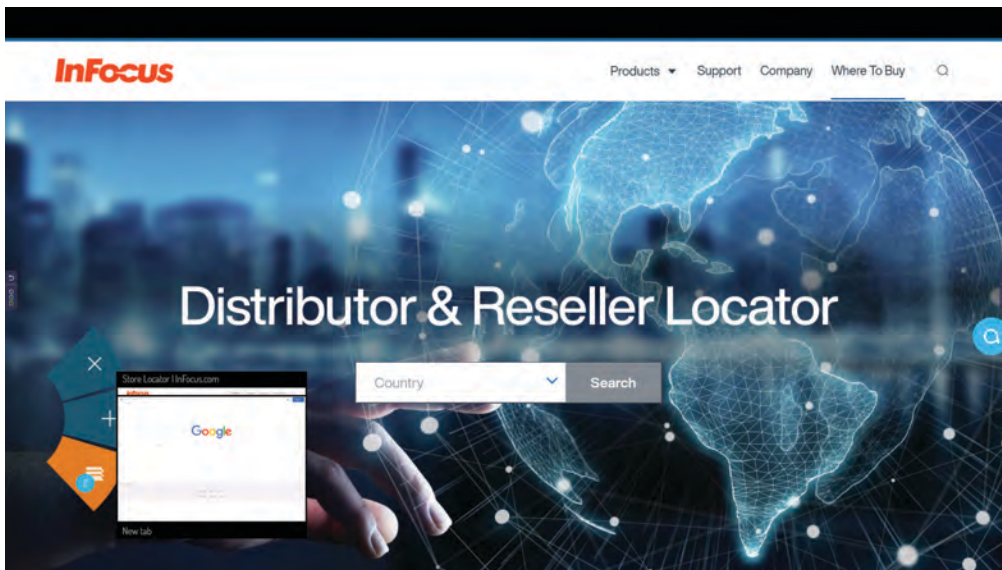
Fig. 16

Bookmarks
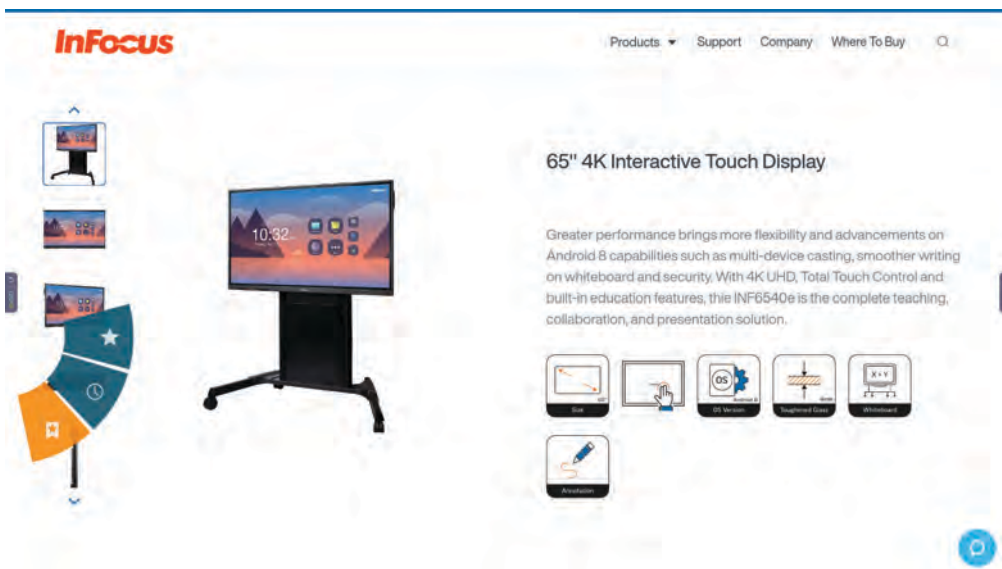
Fig. 17

You can open up saved bookmarks, look at browsing history or create a new bookmark

Browser user guide

Settings

The settings allow for customisation of personal preferences regarding the setup of the browser from homepages, enabling the Floating tool, passwords management and more.
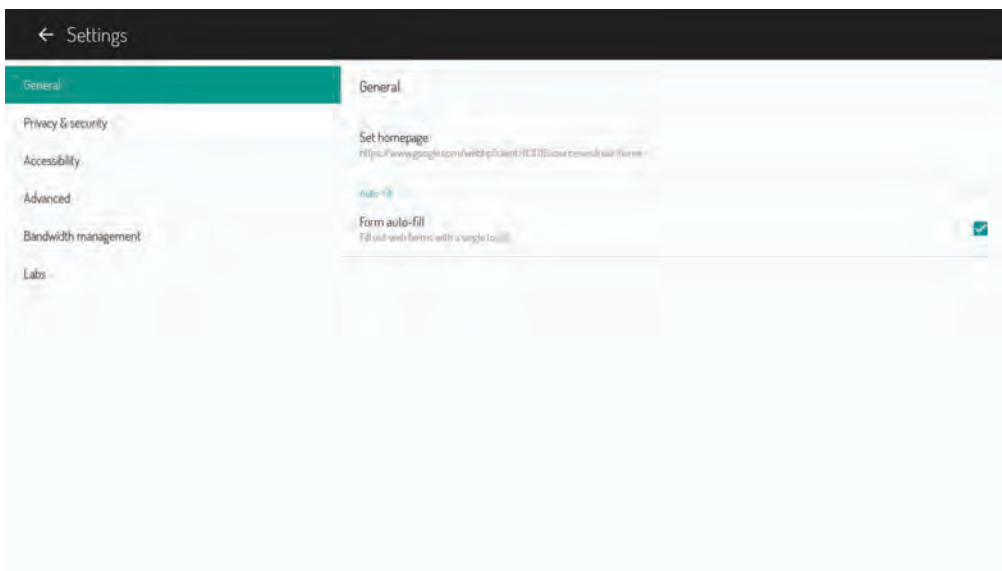
Fig. 18
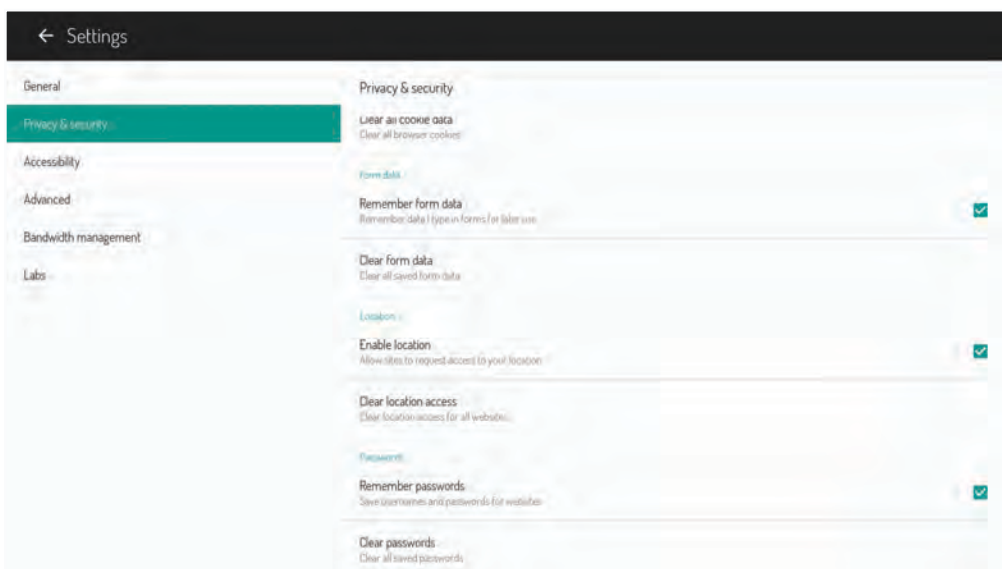
Fig. 19
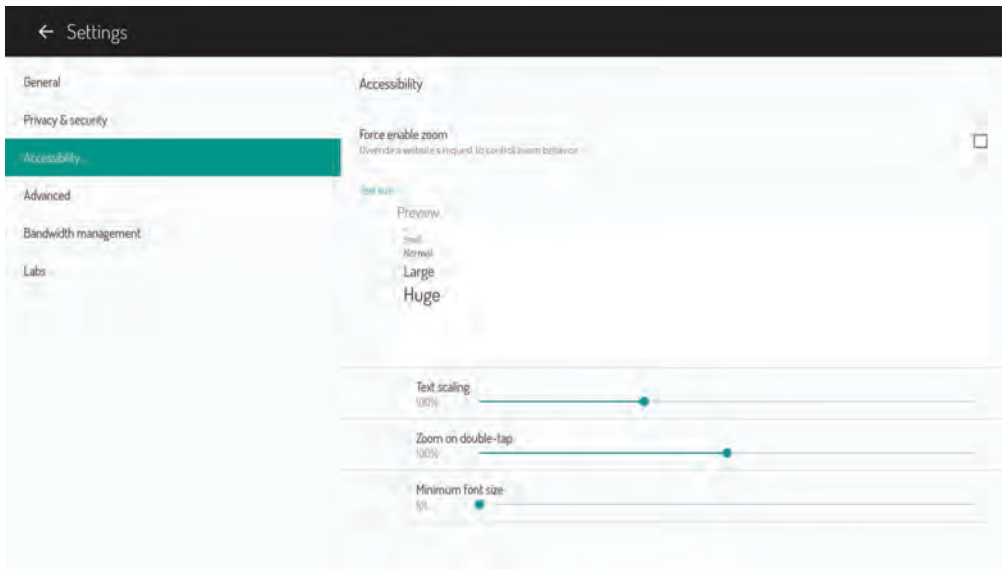
Fig. 20
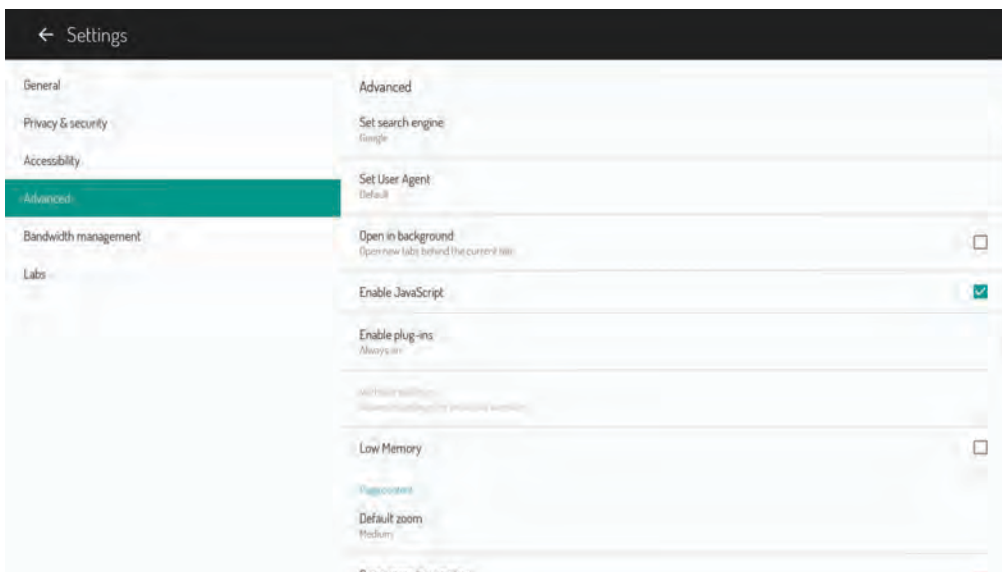
Fig. 21
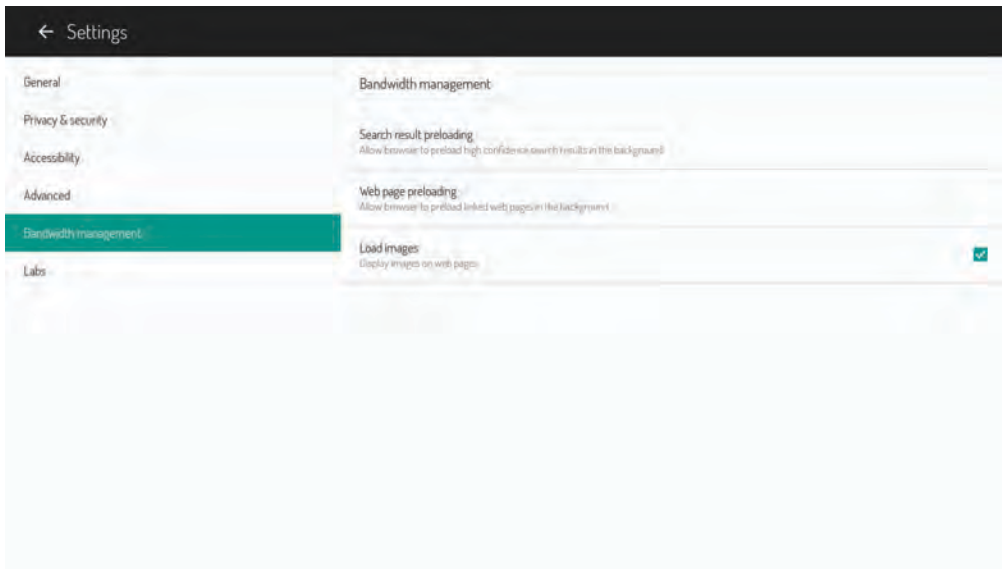
Fig. 22
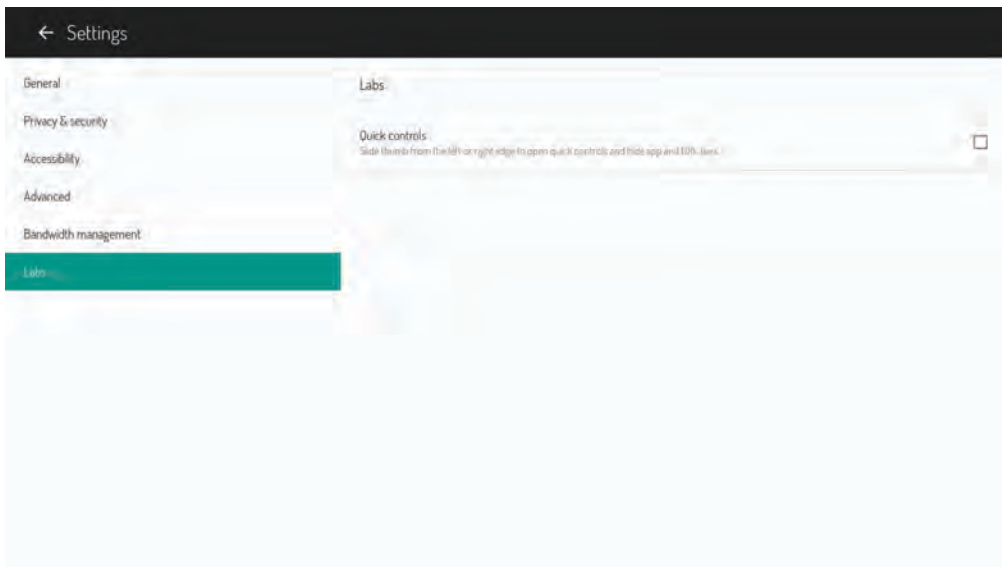
Fig. 23

All files saved to the Android system or to a USB drive that is connected can bee found and opened using the Finder application.

Once the app is opened a view showing all folders on the system is displayed. To navigate through the folder simply press the required folder until the document is found.

Along the left side of the screen are filters to provide a simple view when searching for specific file types such as videos or pictures. Press the required filter option to activate and only the files with this specific file type will appear.
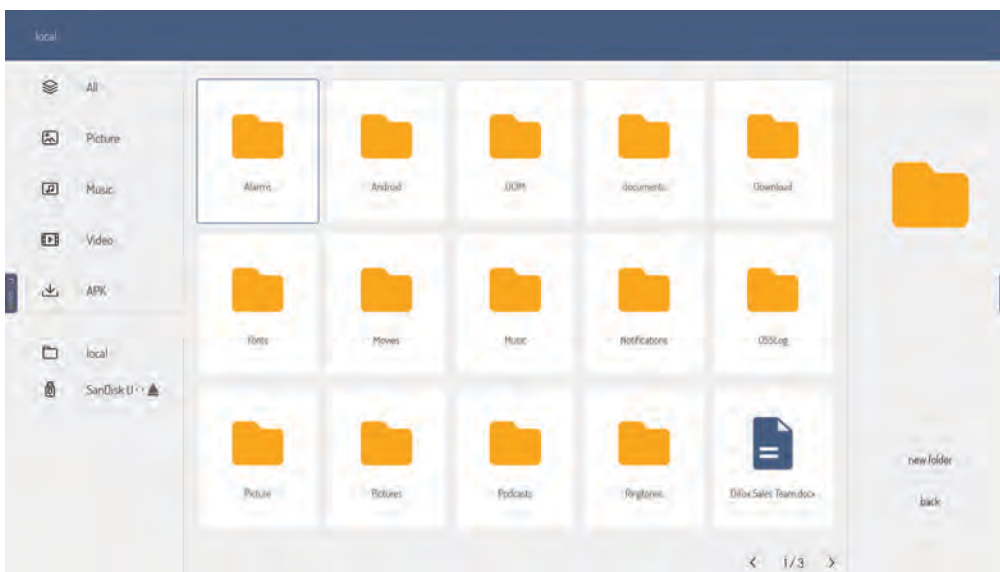
Open USB Drive

Insert a USB drive into the Android USB port on the front or rear of the display. Once the system has read the drive it will appear in the menu on the left side of screen. Press the required drive to open the folder menu and navigate to the required file.

Add new folder

A new folder can be added to the selected location, on the right side of screen press "New Folder", enter the name of the folder and confirm.

Open files

All files can be opened through the file manager. Each file will open in an application suited to the type of file. Word, Excel, Powerpoint files are opened in WPS. Pictures are opened in a picture viewer.

Finder / file manager

Copy / Paste

To copy and paste files from folders or USB drive, navigate to the required folder. Press the file and hold until a new menu appears on the right side of screen. The file will have also been selected.

Select the file/files for copying and then press "Copy".

Navigate to the folder location either on local or USB drive, once the location is selected press "Paste"

To cancel the copy you must exit the application and start again

Delete files

To delete files from folders or USB drive, navigate to the required folder. Press the file and hold until a new menu appears on the right side of screen. The file will have also been selected.

Select more files if required and then press "Delete" and confirm

Rename files

To rename files from folders or USB drive, navigate to the required folder. Press the required file and hold until a new menu appears on the right side of screen. The file will have also been selected then press "Rename", enter the new name and confirm.

Note: Multiple files or folders can't be renamed at the same time

Cut / Paste

To move files from folders or USB drive, navigate to the required folder. Press the file and hold until a new menu appears on the right side of screen. The file will have also been selected.

Select the file/files for moving and then press "Cut".

Navigate to the folder location either on local or USB drive, once the location is selected press "Paste"

To cancel the move you must exit the application and start again

Upload files

A new folder can be added to the selected location, on the right side of screen press "New Folder", enter the name of the folder and confirm.

Opening the cleaner app starts a process which will close all open and running applications and remove cache to ensure the Android system is ready for the next user and also keeps it running to the best performance.

Vote

The voting app provide a simple tool for allowing engagement with those in the room where a question can be asked and they can provided their vote digitally.

Open the Vote app from the "More" menu

Start with entering a topic for the vote and choose whether there is a single or multi choice answer. A minimum of 2 options is required.

Enter the voting options, if more than 3 are required, press the "add options" button to create more. A maximum of 5 options is possible.
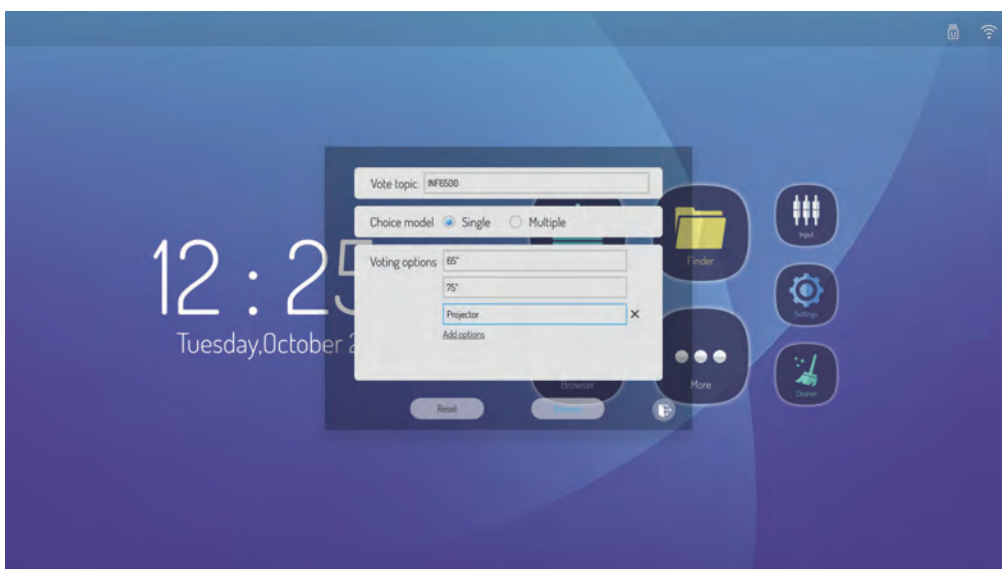
Once all options are entered. Press the "release" button at the bottom of the window.

Participants in the room who have a mobile device with a camera and access to the internet can scan the QR Code which will open a webpage

The mobile users will then be shown a page with the option that were created and can select either 1 or more depending on whether it was a single or multi choice question. When ready they can press the vote button to submit and will see a confirmation page.
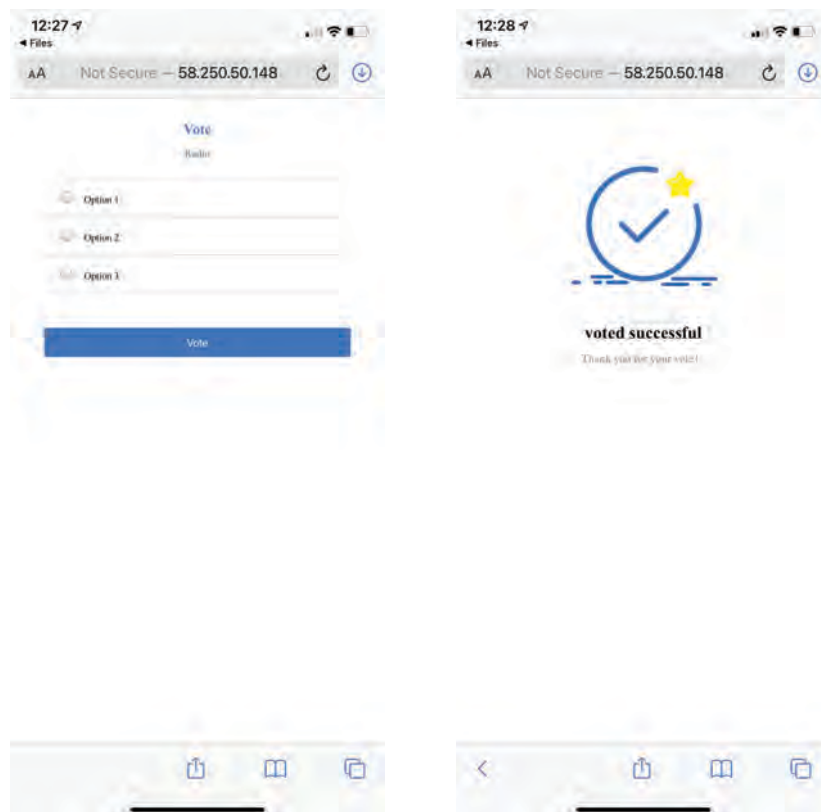
Vote

A vote can be closed also from the QR code screen to prevent more votes from being submitted.

At anytime during the voting, the voting application can show the results on the screen. Press the "View Results" button showed on the QR page to open the results page. The results can be shown in either a Bar graph or Numerical Poll option.
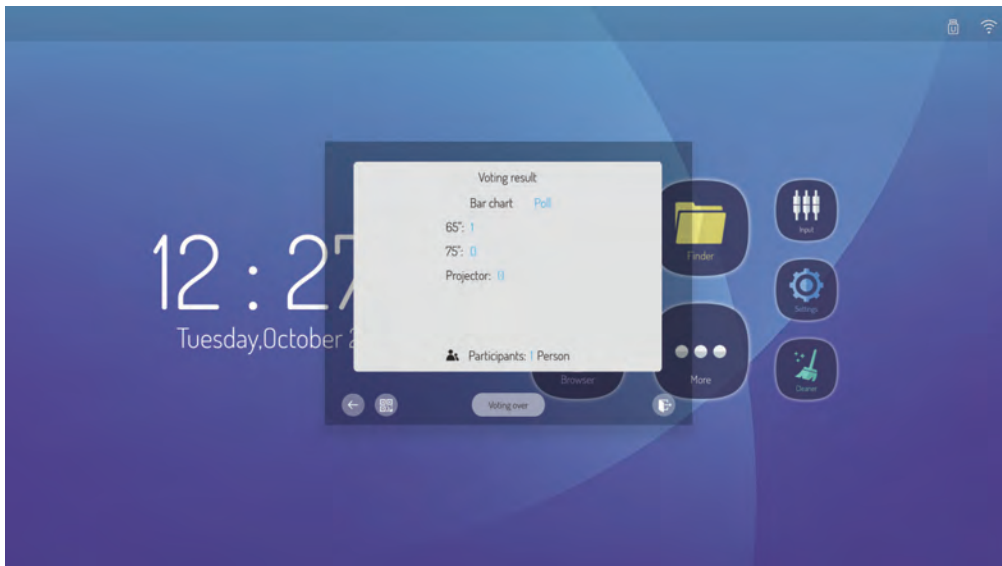
From the results screen you can always show the QR Code page to allow more voting. Press the QR Code icon in bottom left to open up the image and press again to close.

When voting and results are complete and the application is no longer required press the "exit" button in bottom right corder of the page to close the application and return to the main home screen.

The welcome application creates a visual screen that can be customised to show a welcome greeting or other message with audio and pictures.

Open the application from the "more" menu on the home screen

To start, press the "New Theme" or if any welcome screens have been created before they will appear on the screen and can be selected for displaying or editing.

Options to add text, change the background or add music will be provided.

Choose the option "add text" and a "welcome" text will appear on the screen, this can be dragged on the screen using a single finger or pen to the preferred location.
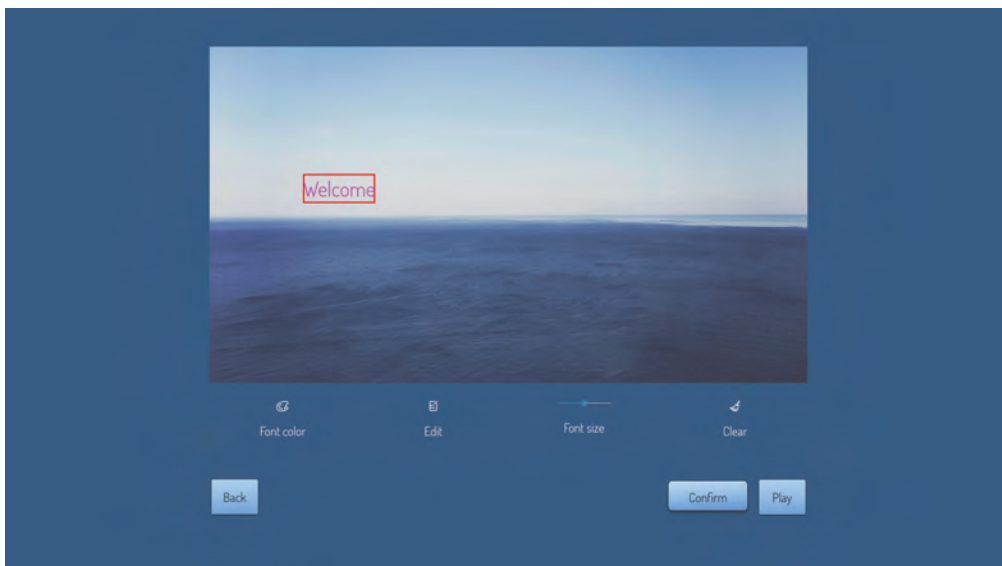
To change the text, press the "edit" option and a page will appear where the wording can be changed.
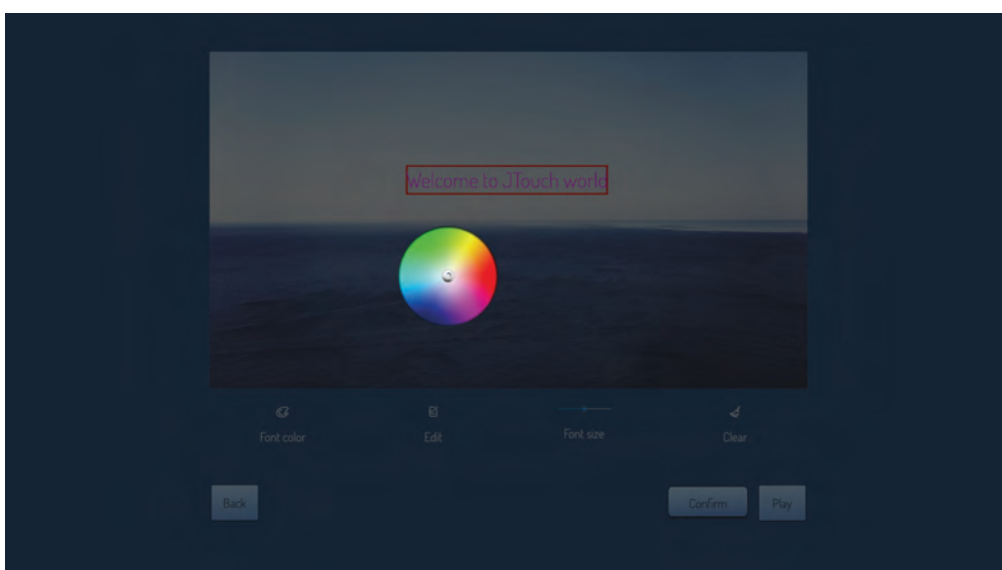
Welcome

The colour of the text can be adjusted. This will provide colour picker and the round object in the middle of the colour picker can be dragged to the colour choice to select. When the correct colour is shown, tap the screen below the welcome image.

The size of the text can be adjusted using the "font size" slider

When the text has been created, press the "Confirm" button and the options for Background and Music will appear again.

Changing the background will open up the background picker where it can be changed from one of the available options.

Note: It is not possible to add your own background
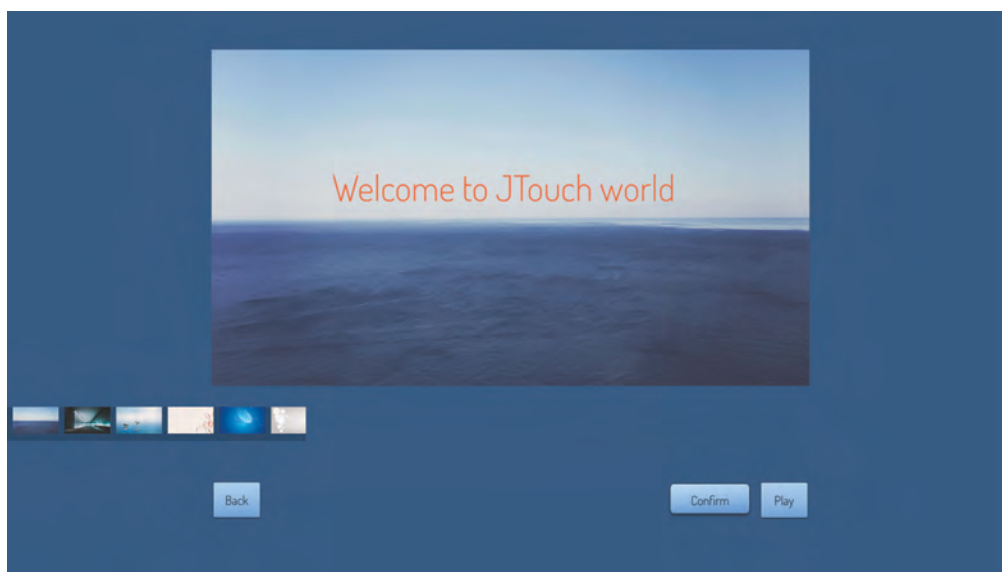
Music can be added from a USB Drive when inserted into the USB port. Navigate to the location on the USB Drive and select the music file of choice.

After the text, background and music options are final, the page can be saved for future use and will be available on the main page of the Welcome app when started.

The play any created Welcome page, press the Play button to display in full screen, To exit the playback mode, tap the screen and press back in the bottom right of screen.

The spotlight app can be opened by opening the side screen menu, pressing the "more" icon and selecting Spotlight.

A circle will be displayed that allow a peak view of the main screen which will be hidden. The circle can be increased/decreased in size using the slide adjuster in the bottom left of screen.

To show different areas of the screen drag the circle around using a pen or finger to highlight the areas of interest.

Once finished, press the "exit" button in bottom left of screen to return to home screen.
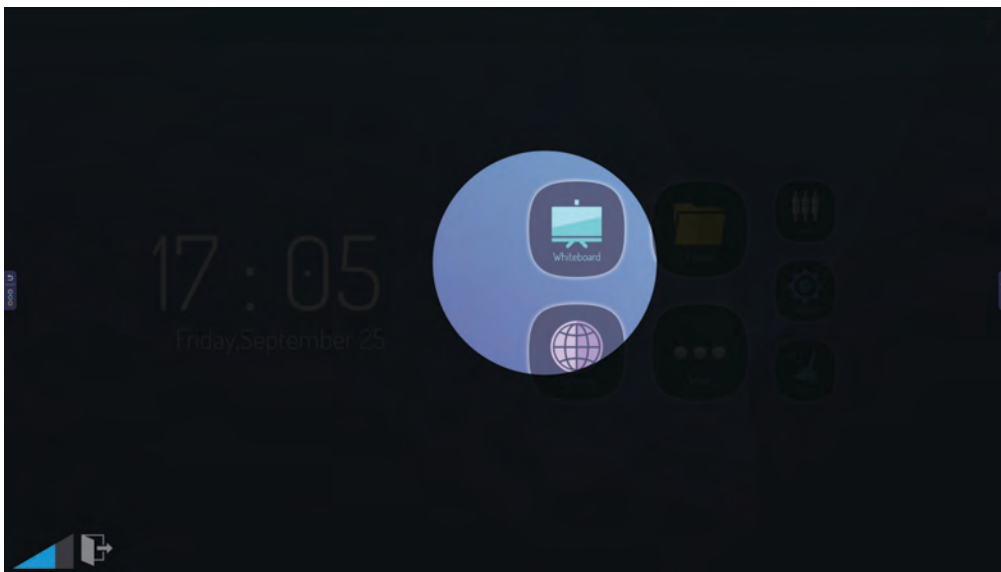
Snapshot

The snapshot app can be started from the side menu bar and pressing the icon which resembles a camera. This application can be launched on any source input or application opened. It provides a great tool for capturing full screen pictures or small parts which can then be used later on whiteboards or for presenting.

Once the app has opened, a box will appear on the screen. The size of the box can be adjusted by dragging the green corner circles to the position on the screen which highlights the area that the picture it to be taken. Once the area is selected the "confirm tick" icon can be pressed to take the picture and save the image.

Full Screen

Full screen images can be taken by selecting the second icon from the options below the highlighted area. It will then switch to highlight the full screen. To return to the default area selection press the icon again.

Manual Selection

Manually selecting areas that may vary is size/shape can be achieve by changing the area tool from "block" to "manual" by pressing the first tool icon. Once selected, it is possible to manually draw around objects the screen to create the area of choice. Once completed, press the confirm button.

All images are saved to the File Manager under Pictures/Screenshots.

If a USB drive is connected to the display, the pictures are automatically saved to the USB drive and a folder is created Pictures/Screenshots

Lightcast2

LightCast2 provides the ability to cast iOS, MacOS, Android and PC devices screen to the display screen with no requirement of cables.

The application is automatically started each time the display is turned on and will run in the background.

Opening the application from the "More" menu will provide the details for users to be able to connect dependant on the device being used.

All devices need to be connected to the same network. Details on specific connection process are found by opening the "info" icon on the bottom of the screen. Select the device and follow the screen instructions to cast.

If the WiFi connection information for users is required, this can be also displayed on the LightCast2 startup screen.

Open the settings menu from the icon on the main page. Select WiFi, enter the SSID and password of the network suers can connect to and enable the checkbox "show connection information" and press OK.

The details of the WiFi network and password will be displayed.

Note: Only provide network access details to trusted users as this can provide access to more information dependant on the network security.

For further security, the LightCast2 app can be set up to require a pin code for casting. It is possible to manually create the pin code or have a random code generated every hour. the selection option is found in the settings section under "LightCast2"

The hostname can be customised to a personal preference which can be useful if multiple devices are on the same network.

Annotate

Annotating is possible on any source connected to the display when the tool is opened from the side menu toolbar. The application allows for capturing notes, adding images or post it notes to the page and saving these as images for use later either on the whiteboard or for reference.

Once started this will open a toolbar at the bottom of the display, some of the tools are the same as described under the S-Write guide.

Switching modes

The default mode is drawing when and to change to "navigation" press the the arrow icon on the toolbar. This will disable the annotation and allow normal touch navigation on the JTouch to open different applications, move objects and general interaction with the screen. Once pressed again the annotation tool will be active to enable drawing and writing over the displayed content.

Whiteboard

On the toolbar there is also a shortcut to open the S-Write whiteboard application. Using this will completely end the annotation and all annotation will be lost if not saved before switching.

Adding Pictures and Post-it notes

To add pictures or post-it notes, press the central icon on the toolbar to open up the choice. Select the preference and move the image, resize or add text to the post-it note as required.

This application is launched from the side menu bar with the more button and offers a great tool to create custom timed countdowns or timers that can be used for classroom or presentations

Creating a countdown or timer

Press the "+" at the bottom to add a new entry. By default each entry is created as a "countdown", this can be changed to a "timer" by swipe from right to left on the selected option to show the type of entry. By default it will show "Countdown", press the name and it will change to "Timer".

To return to the view showing the name and values, swipe left to right on the new entry bar.

Press the "edit" icon on the right side of the new option, click on the name and you can adjust this using the onscreen keyboard that appears.

Select the time options for hours, minutes, seconds and adjust these to what is required for the countdown.

Start and pause the counter

Press the "play" button to start the counter or timer. Once pressed this will changed to a "pause" button when needed to stop counter.

Deleting

To delete a countdown or timer, swipe from right to left on the selected option to show the delete option and press to proceed.

Resetting

To reset the countdown or timer, press the icon with the round arrow. This will stop the counter and reset it back to the original settings.

Editing

If any of the saved counters require changing, simply press the edit icon on the option and change the name or timings to the new settings
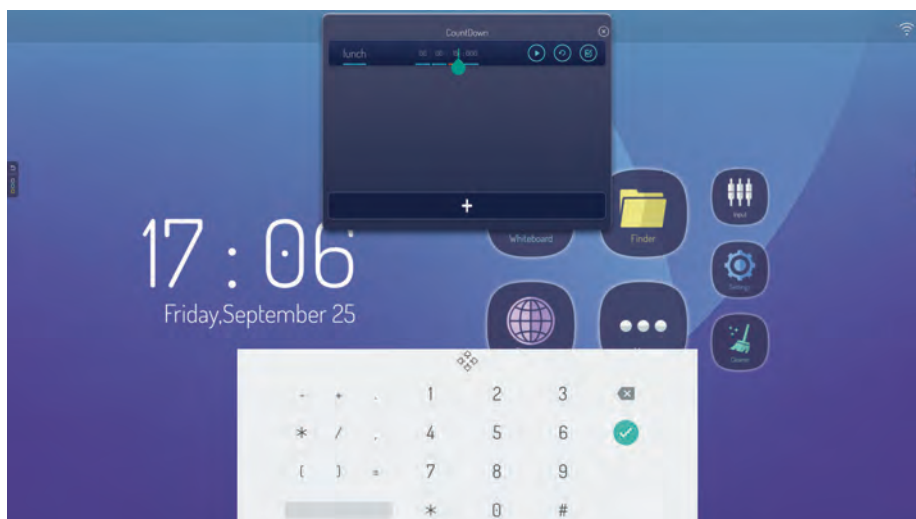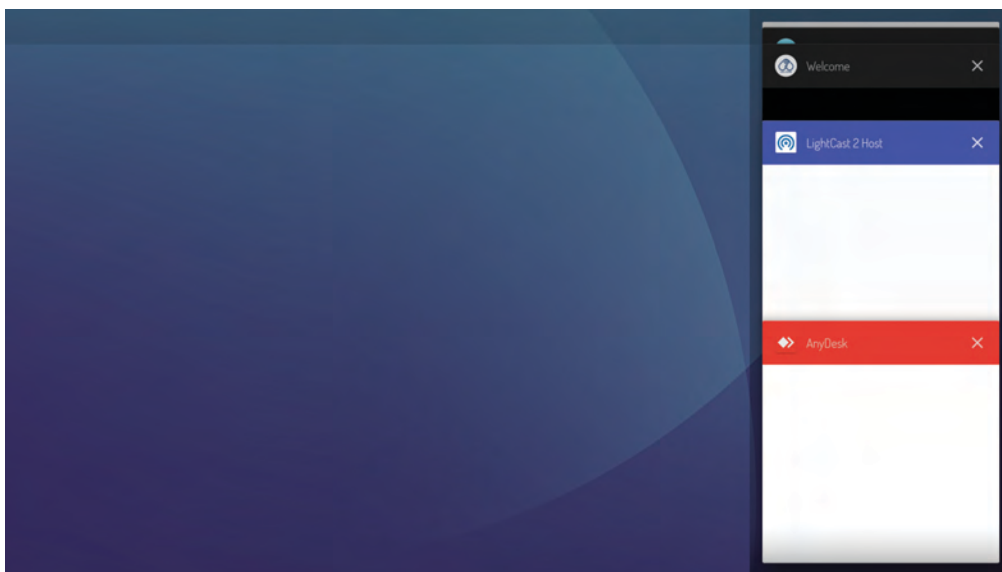
Applications

With all Android systems, the application can remain open and running in the background. Using this app allows the quick navigation to switch between apps or close them if no longer required.

Open the side menu and select the icon which resembles two screens (below the home icon)

The page will open and show any open application in a thumbnail list. To open any application press the thumbnail and the screen will change to the running application.

If any applications are to be closed, scroll through and press the "X" icon on each thumbnail to close.

The system update tool provide a simple quick option to download any updates manually via the internet. Open the application from the "More" menu on home screen and the application will check if there are any updates available. If there is an update you will be given the option to download and install.

Once started, please do not use the device until completed as it will interfere with the process. The screen can also switch on/off during the process of updating.

InFocus