

Avtek TS 7 Mate interactive monitor

Android user manual



Avtek

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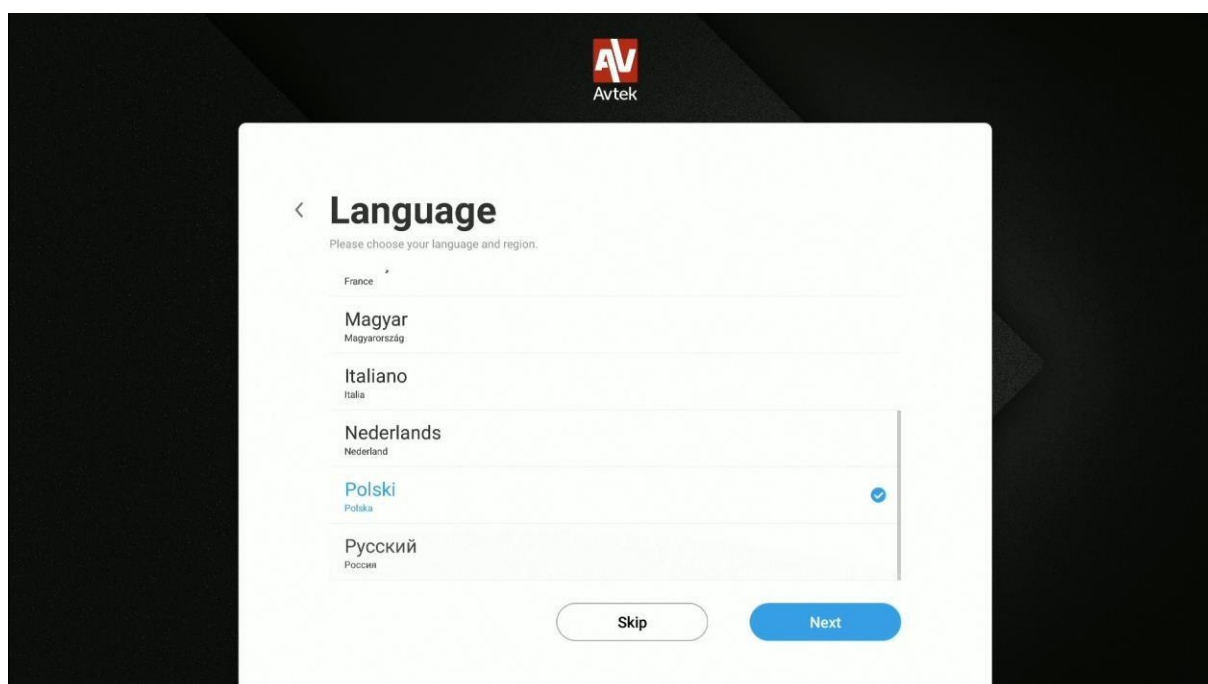
Introduction

The operating system installed in Avtek interactive monitors is a customised version of the popular Android system. This system is used for basic operations on the monitor (e.g., changing sources or volume levels) and provides a range of useful tools for education and business, which will be discussed later. The device features a touchscreen. To operate it, simply touch the screen.

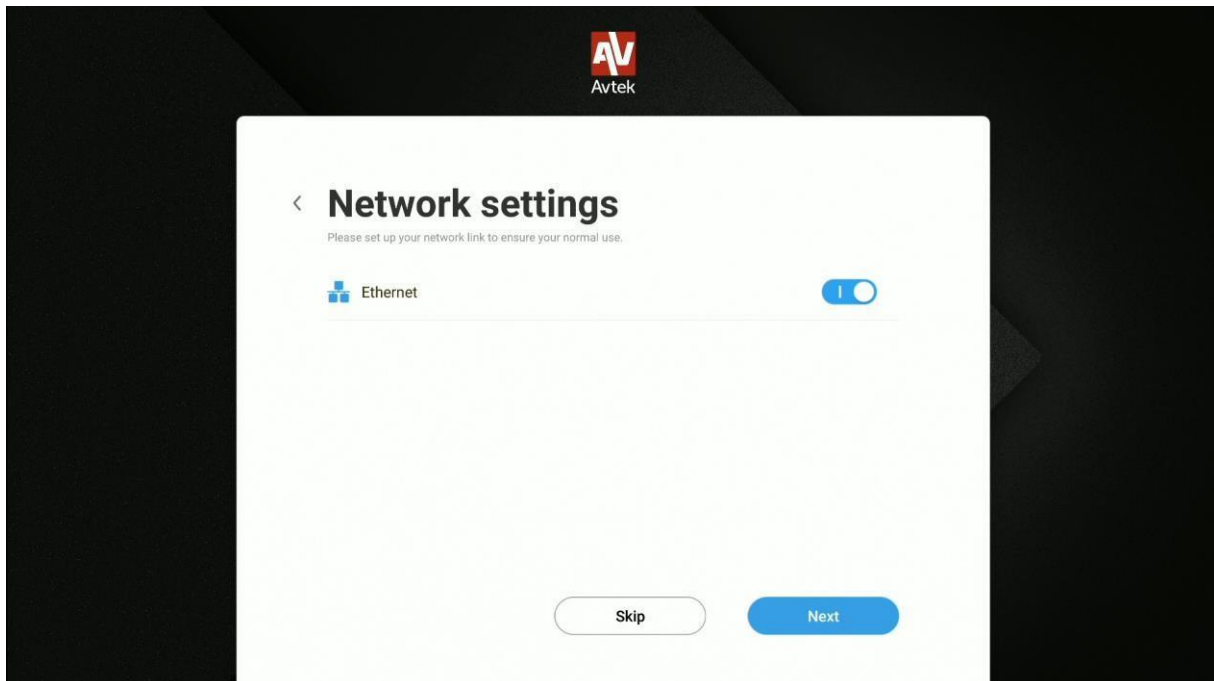
Initial system start-up

At the initial start-up, the user is allowed to configure the basic functions of the monitor.

1. Select the system language.

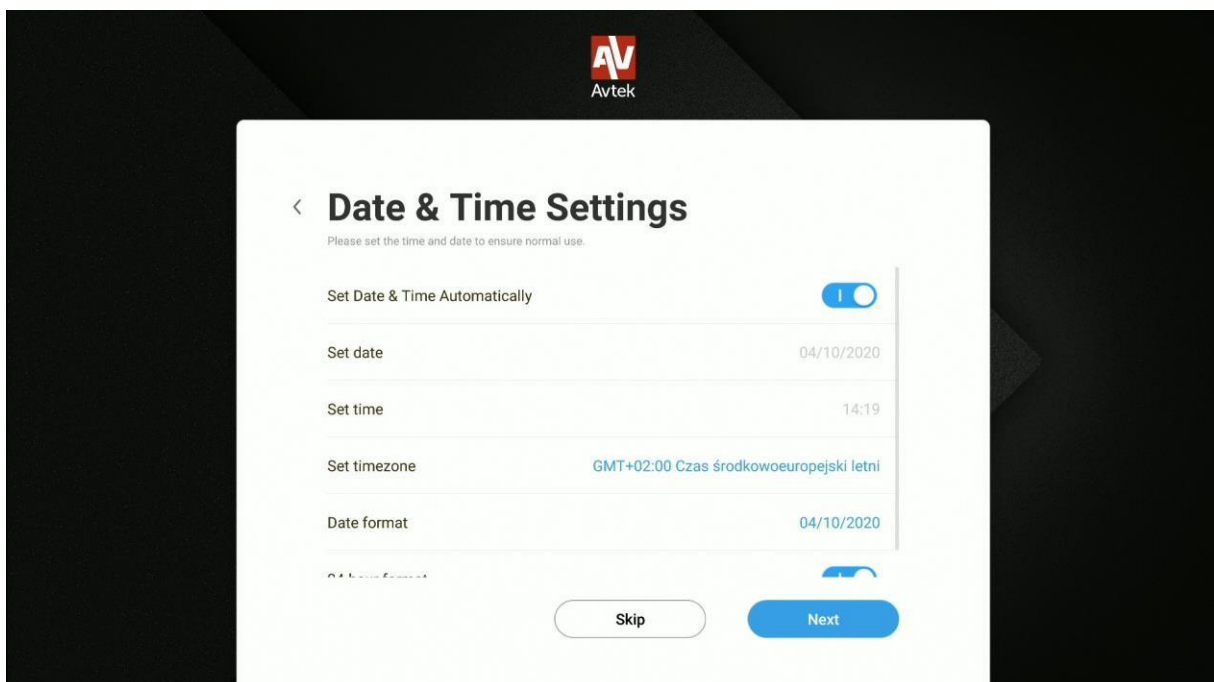


2. Connect to a WiFi or Ethernet network to access the Internet.

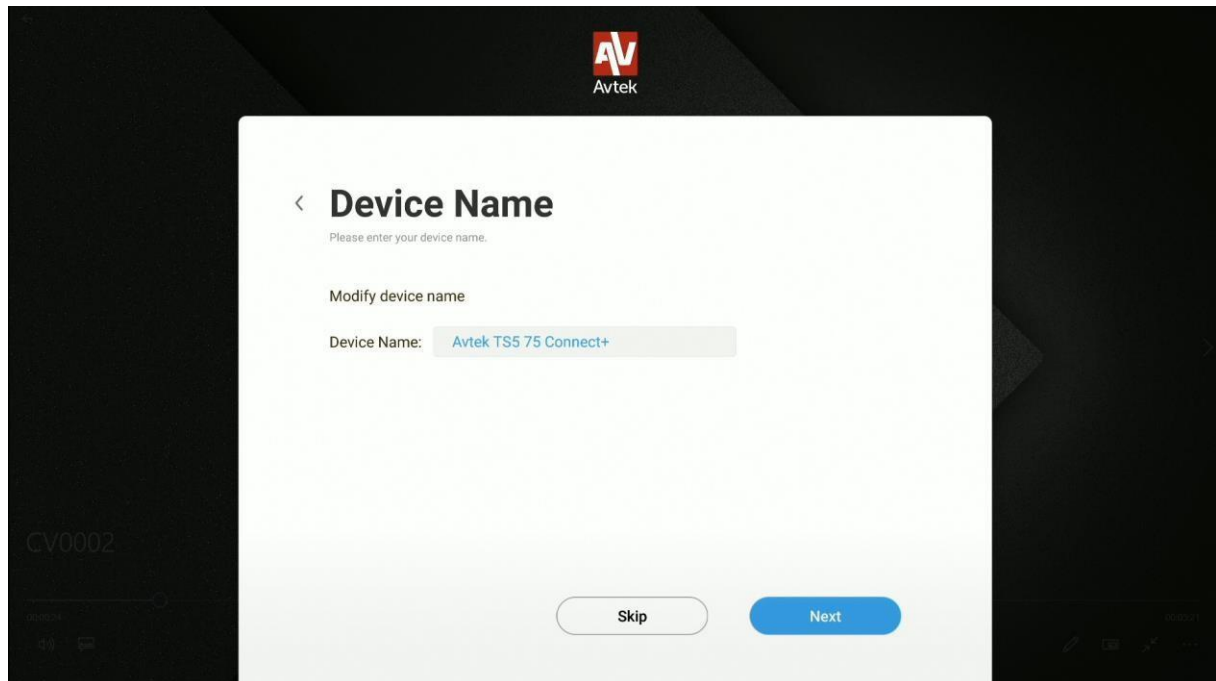


NOTE: to connect to a wireless network, make sure the WiFi dongle or module is properly connected.

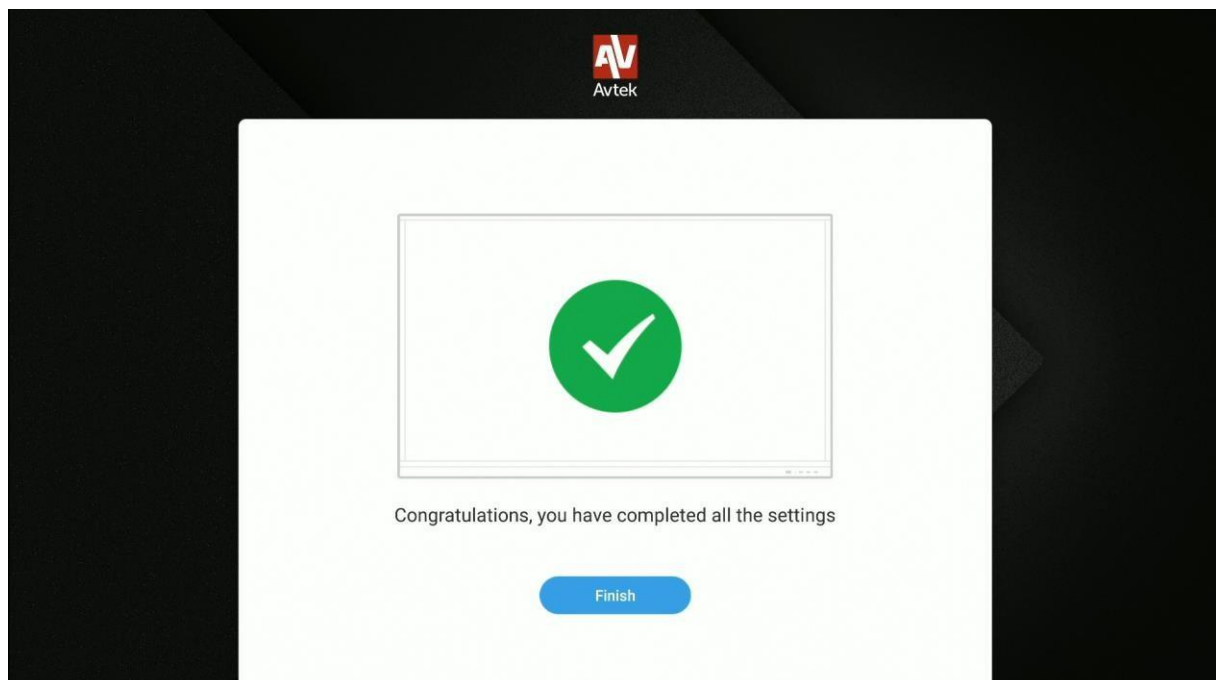
3. Configure the date and time of the device.



4. Give the device a name.

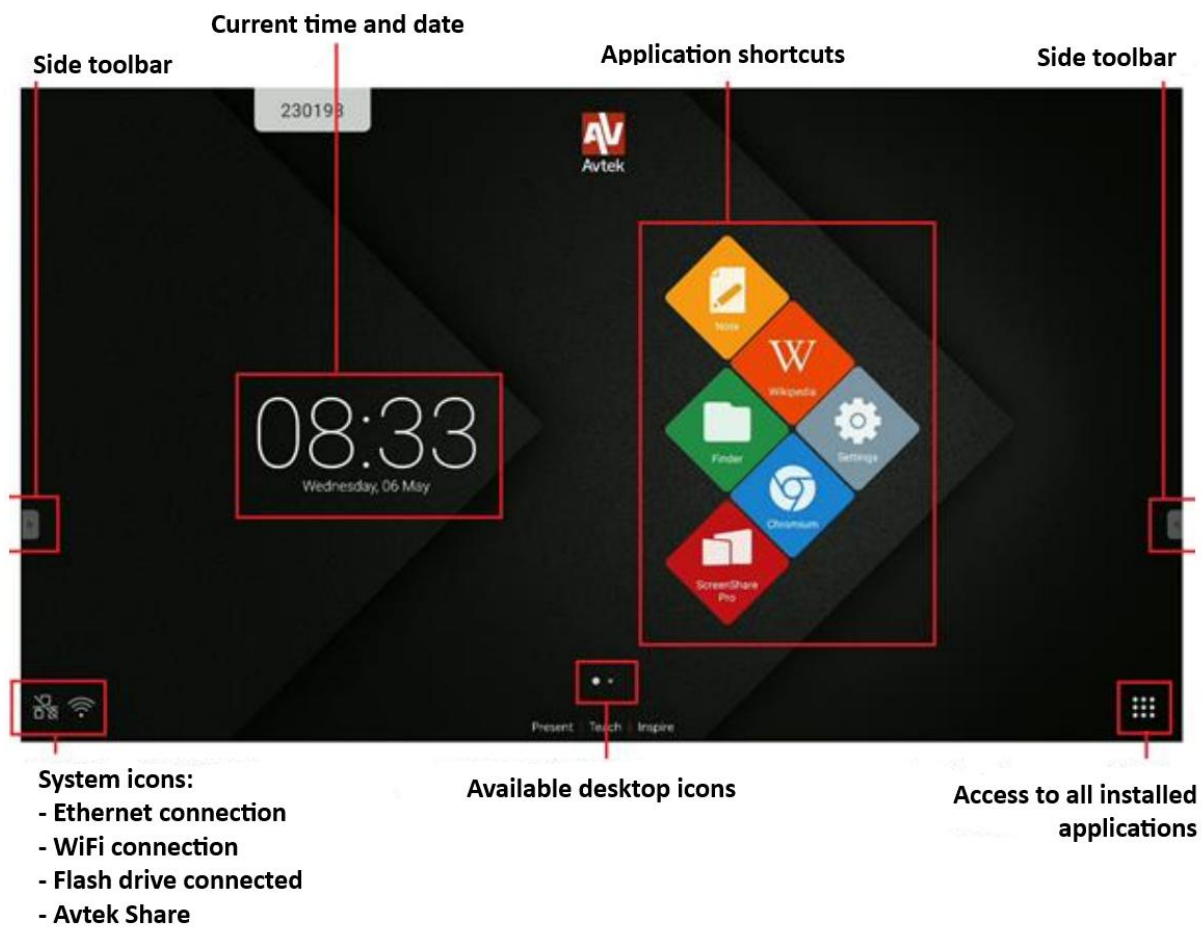


5. The device is now ready for use.



Basic operation

The home screen is displayed every time the monitor is started.

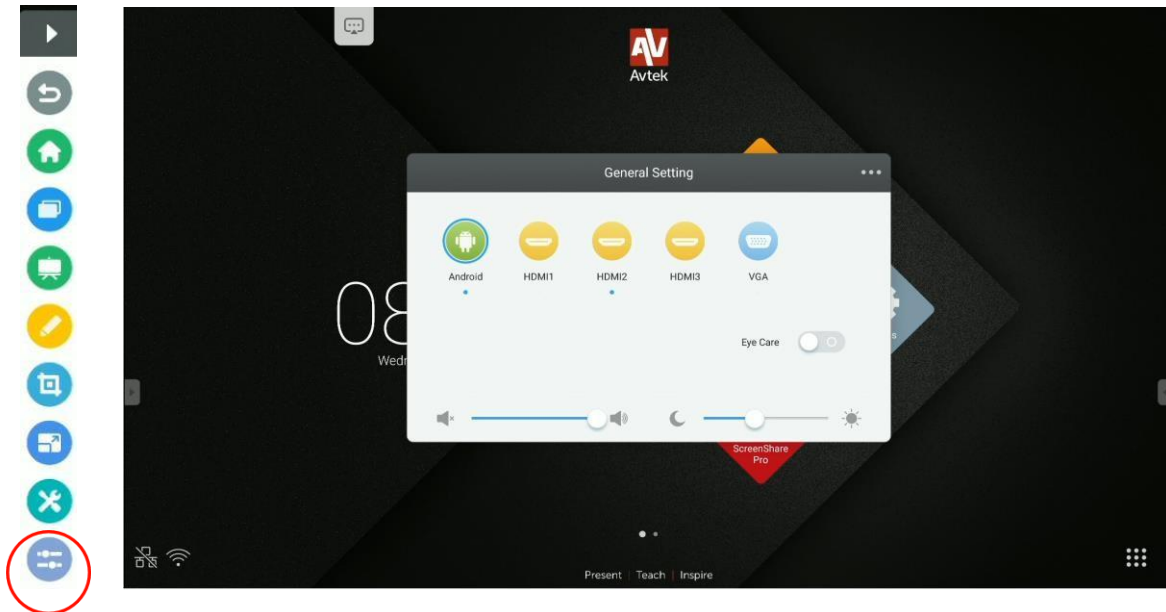


To navigate through the main menu:

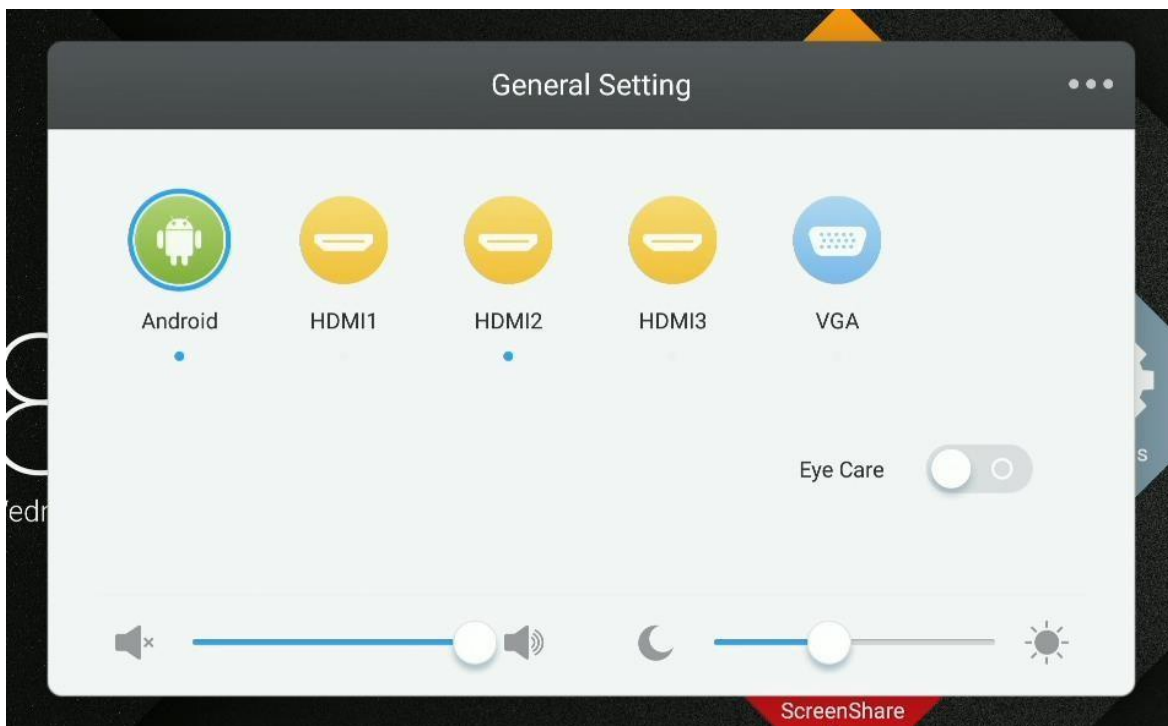
- Tap the desired item.
- Use the side toolbar.

General settings

To open the General settings, tap and drag the bottom of the screen or select an icon from the side toolbar.



Source selection: All image sources are available on the main General settings screen. Active sources are indicated by the blue icon ●. To change the source, simply tap the selected icon.



NOTE: *the PC option is only available when the PC module is properly installed in the socket.*

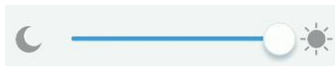
Eye Care function: Short wavelength blue light rays from displays can cause eye fatigue, damage the retina and affect vision over time. The Eye Care function is designed to take care of your eyes by reducing the intensity of blue light.

To activate Eye Care, slide the switch to the right.

Volume adjustment: To adjust the volume level, tap and move the volume slider.



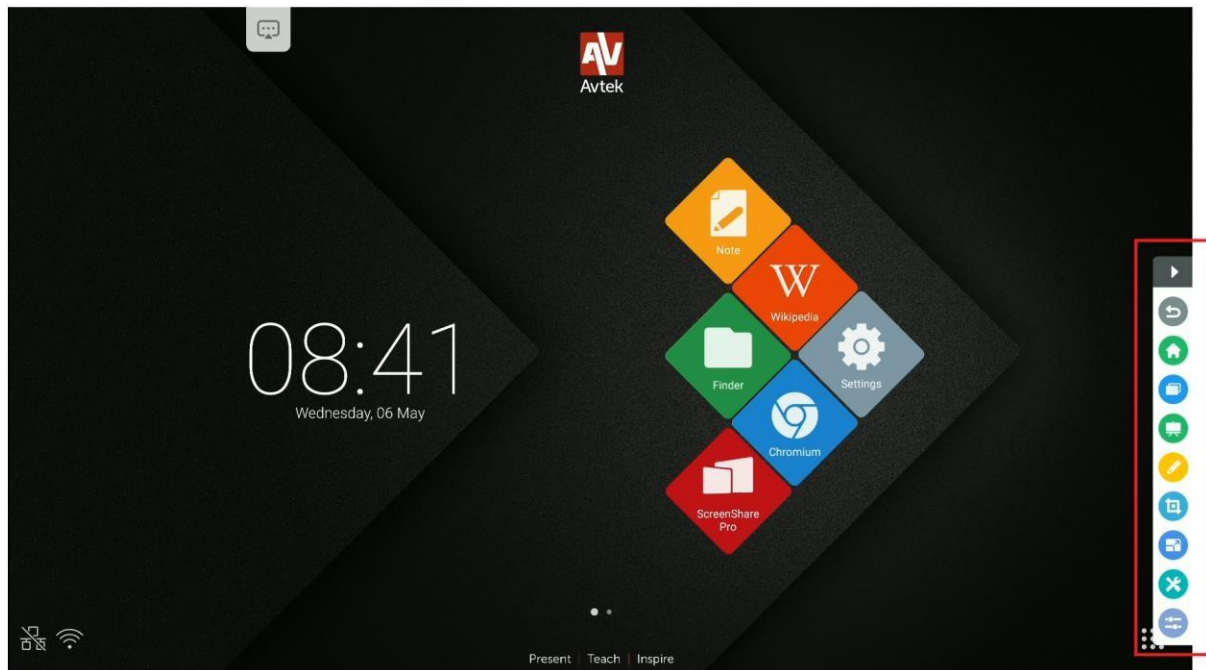
Brightness adjustment: To adjust the brightness level, tap and move the brightness slider.



Side toolbar



To bring up the toolbar, tap the icon  or  on one side of the screen.



Basic functions



- To hide the toolbar, tap

_ To go back to the previous screen, tap



_ To return to the home screen, tap



_ To view all active applications, tap



_ To go directly to the Note application, tap



_ To open the note menu, tap



_ To open the screenshot menu, tap



_ To freeze an image and zoom in on a selected part of it, tap



_ To open the additional tools menu, tap

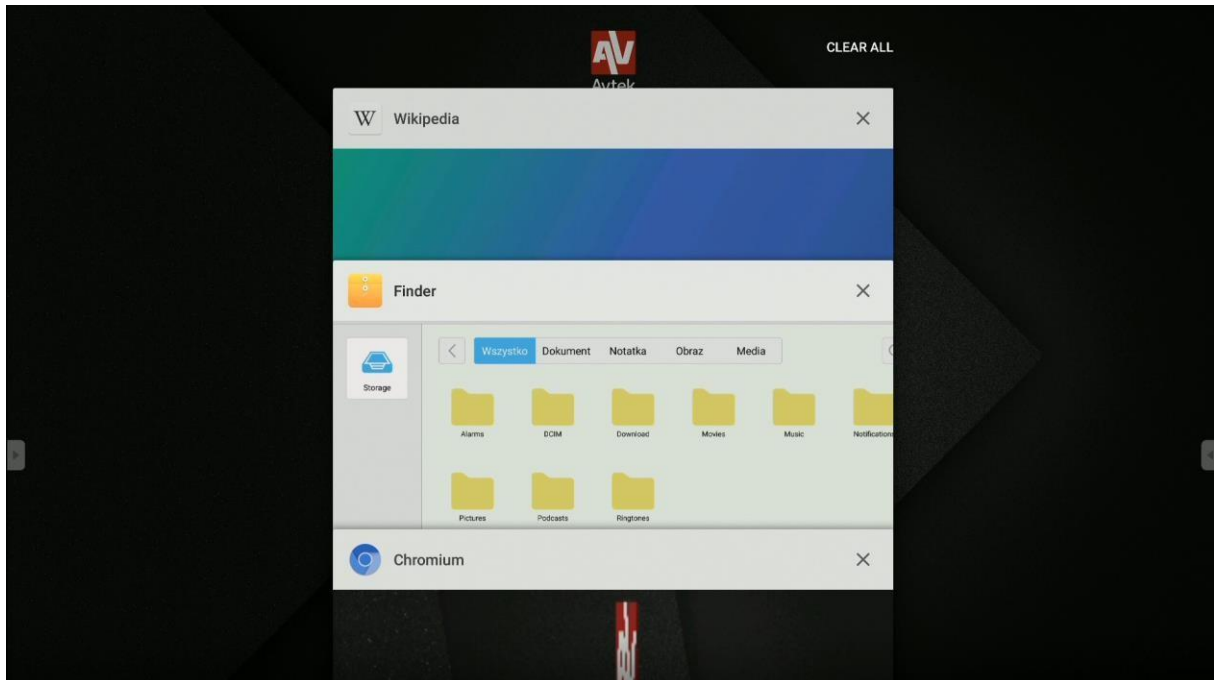


- To open the General settings, tap



Recent tasks

To view all the applications running in the background, tap






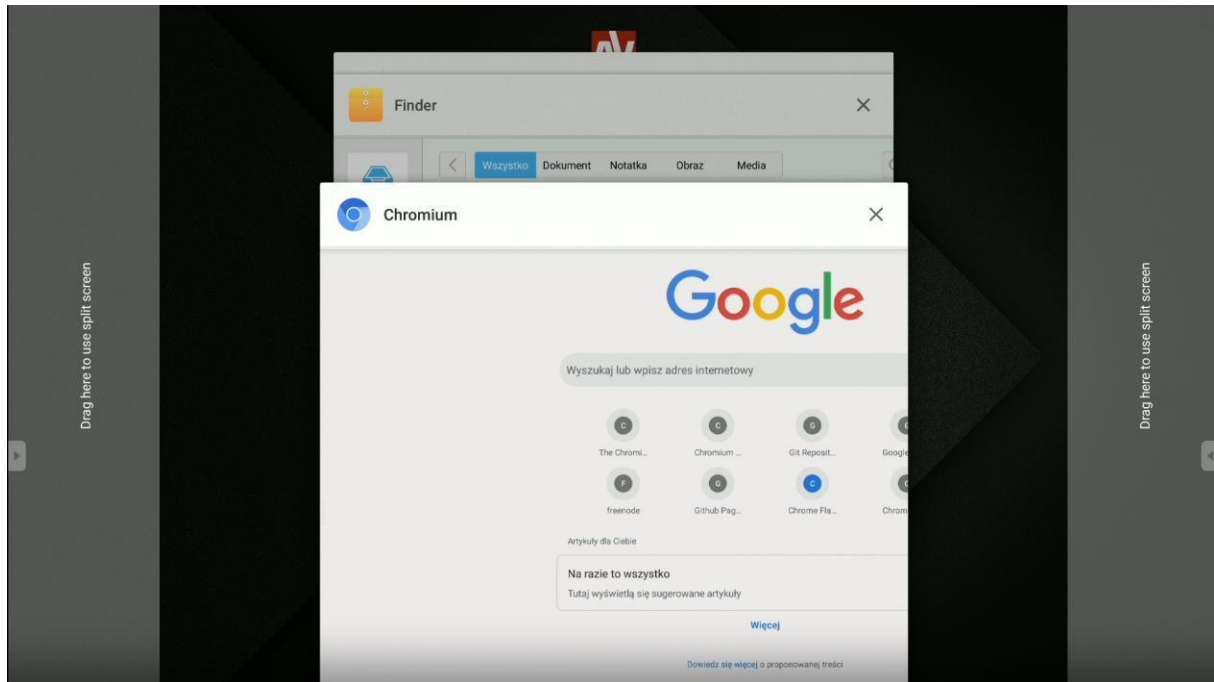
- Scroll through the list of applications by tapping and dragging up and down.
- To select an application, tap on it.
- To remove an app from the list (disable it), swipe left or right.
- To clear the entire list, scroll up and tap. **CLEAR ALL**

Split screen / Split-screen

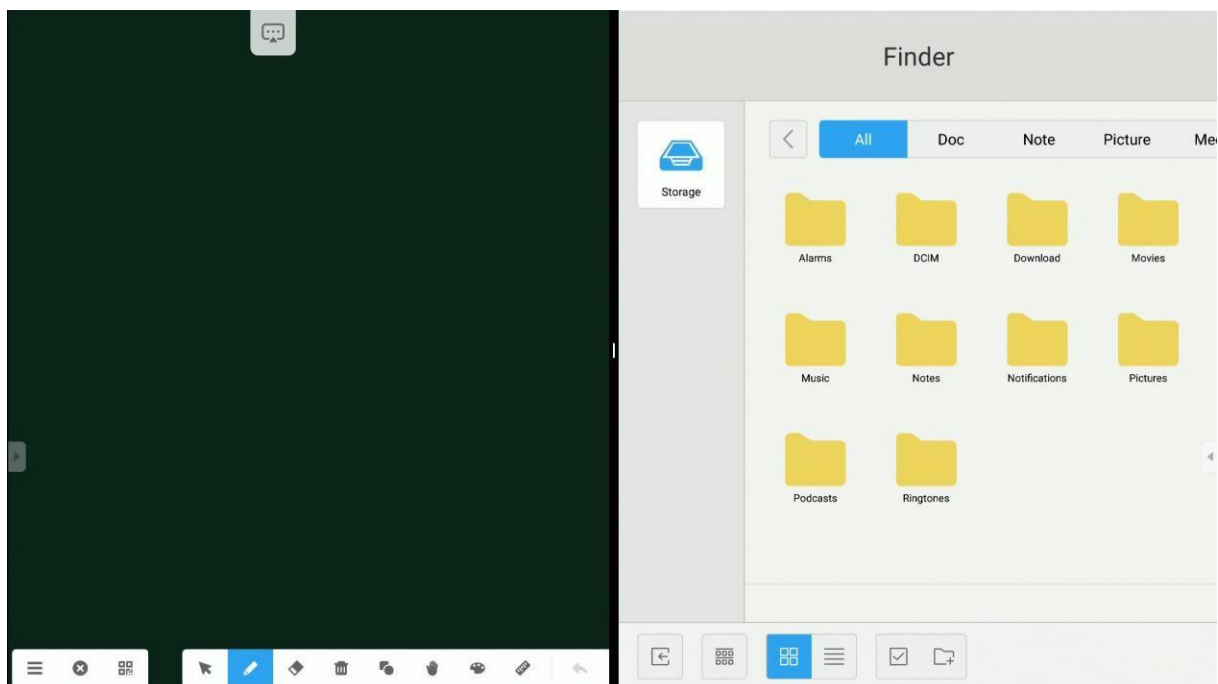
To enable two applications side by side:



1. Open the side toolbar ( or ).
2. Select Recent Tasks .
3. Tap and HOLD on the selected application.
4. Drag an application to one of the highlighted blocks on the sides.



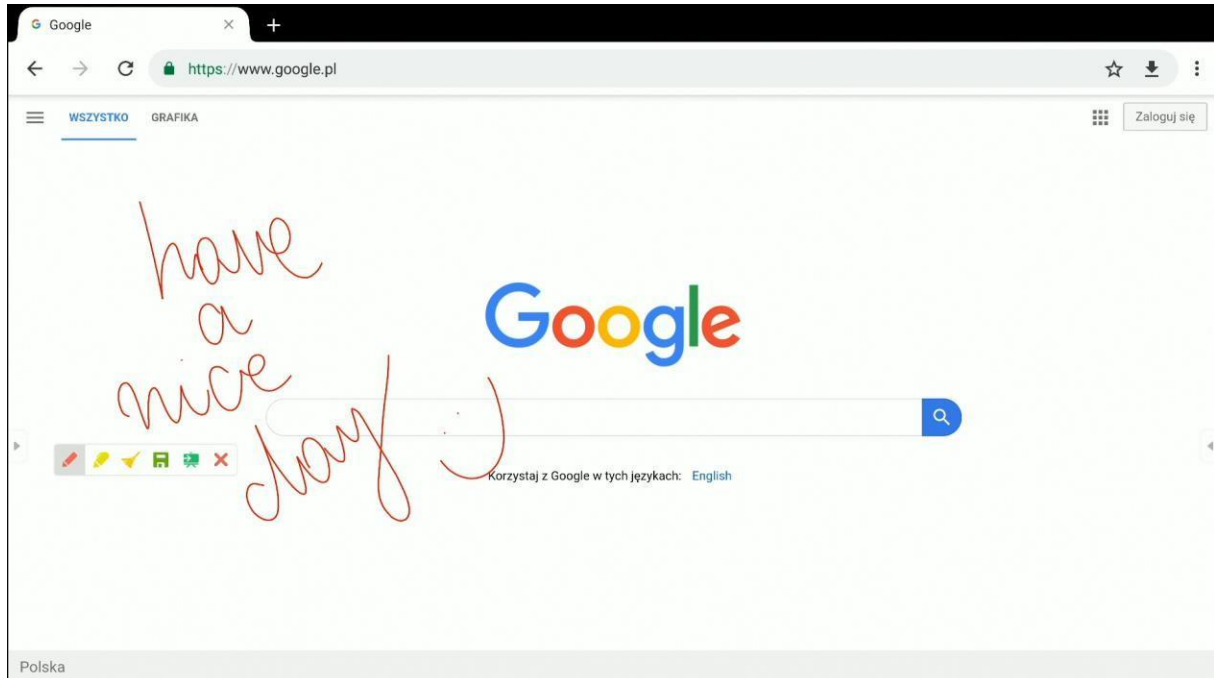
5. Among the enabled applications, you can also select the one that will be displayed on the other half.





Quotation menu

To open the note-taking menu, tap 


The note-taking tools allow you to take notes on any image from any source.





- Tap the pen icon to take notes on the screen. Touching the icon several times changes the colour of the marker. 


_ Tap the highlighter icon to write with a semi-transparent marker. Tapping the icon several times changes the colour of the highlighter. 

NOTE: To erase notes, you can also put your whole hand on the screen to activate the eraser function.

_ Tap the eraser icon to delete all the notes you have created. 

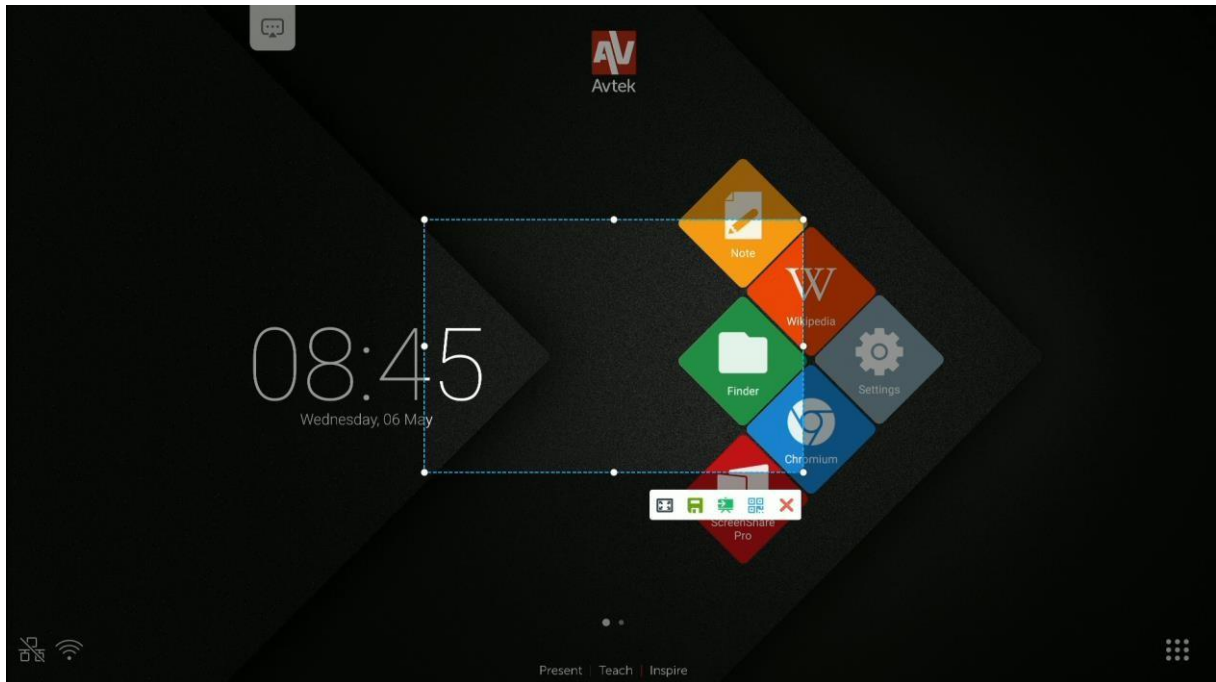
_ Tap the floppy disk icon to save the created notes as a PNG file. 


_ Tap the Note icon to send the entire image with the notes to the Note application. 


- Tap the icon X to deactivate the note-taking tool with notes. 


Screenshot menu


To open the screenshot menu, tap 




- Tap the  icon to enlarge the screenshot area to the entire desktop.

NOTE: To adjust the area according to your preference, press, hold and drag the white icons. 


- Tap the  icon to save the selected fragment as a PNG file.

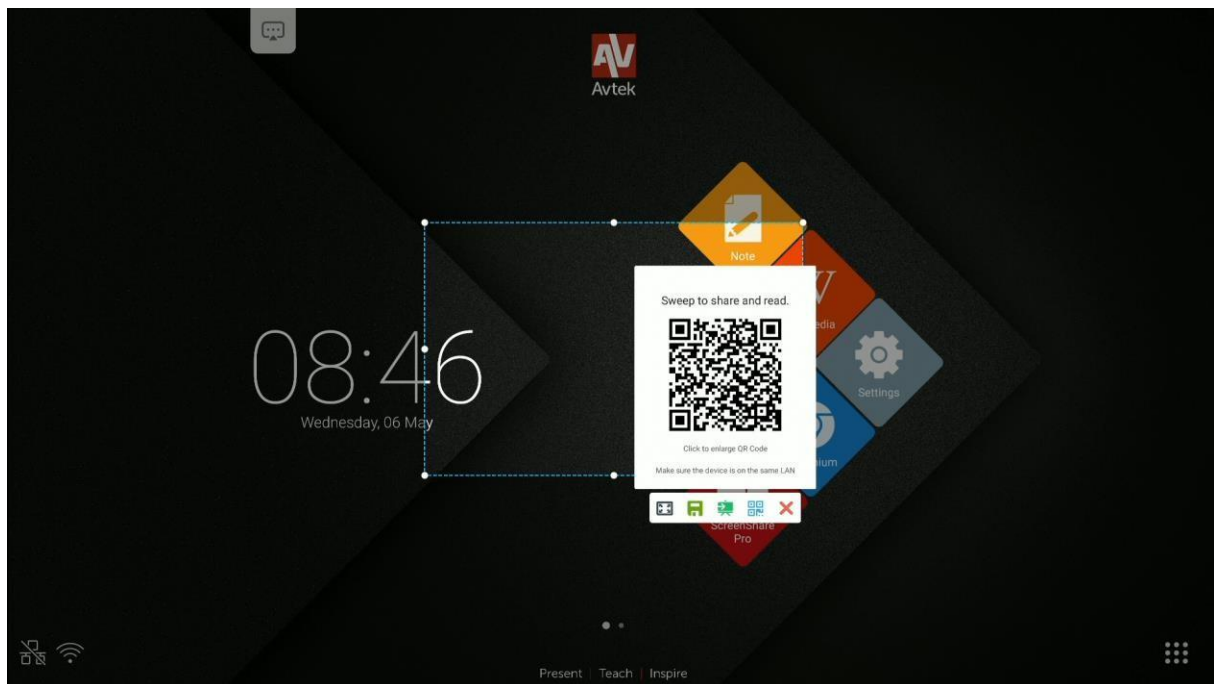
- Tap the  icon to send the selected snippet to the Note application.

- Tap the  icon to create a QR code. Scanning the QR code will allow you to download the selected image snippet to your device.

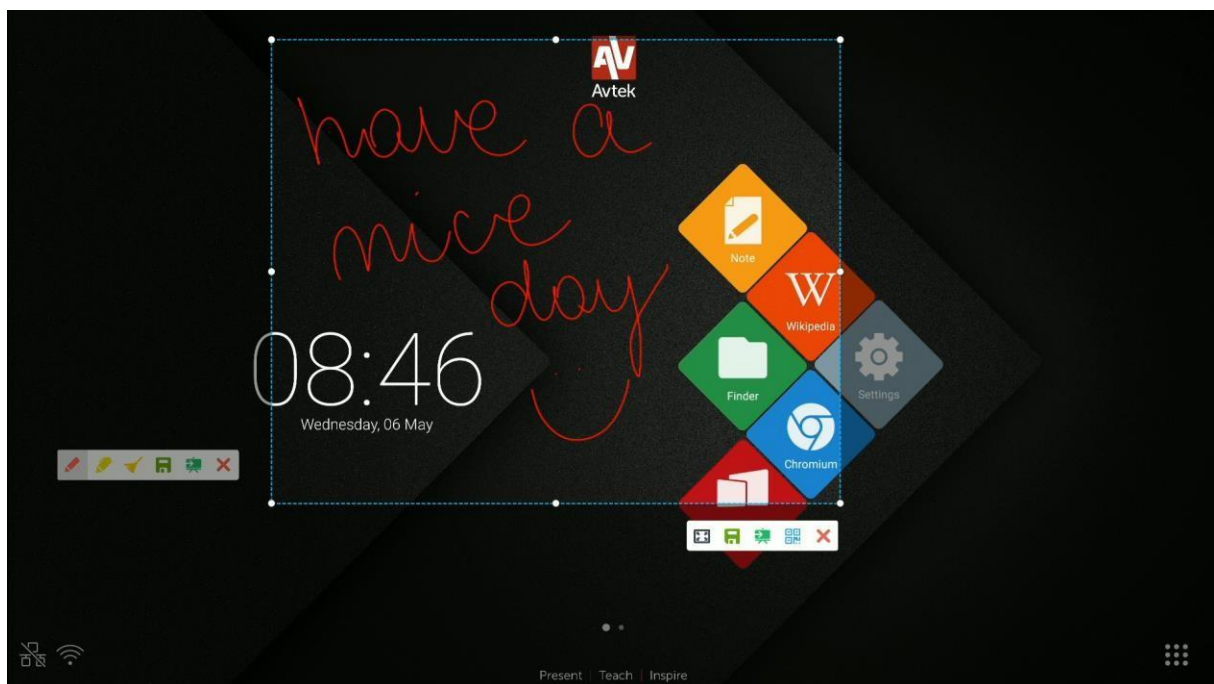
NOTE: The interactive monitor and the scanning equipment must be connected to the same WiFi network.

NOTE: Tapping on the QR code will enlarge it. This allows the code to be scanned from a greater distance.


- Tap the icon to exit the screenshot menu. 







NOTE: It is possible to take a snapshot of a section of the screen on which there are notes created through the notes menu. To do this, first turn on the quotation menu, then slide out the side toolbar and select the screenshot menu again.




Freeze/zoom function

To freeze the image and zoom in on a selected part of the image, tap 







- Tap the  icon to zoom in on the image.
- Tap the  icon to zoom out.
- Tap the  icon to return the screen to its original scale.
- Tap the  icon to turn off the freeze/zoom function.


Other tools

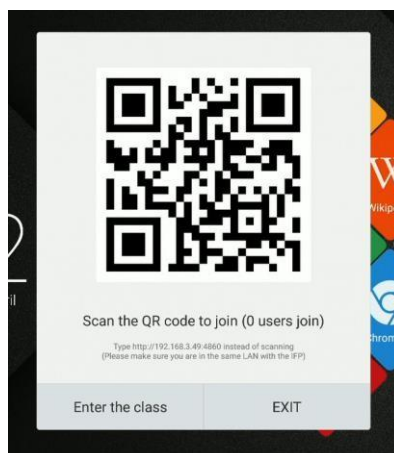
To open the additional tools menu, tap 



- tap the  icon to activate the reflector function. This function can be used to focus the listener's attention on a selected part of the screen.
- Tap the  icon to activate the timer function.
- Tap the  icon to enable the stopwatch function.
- Tap the  icon to enable the voting/air class function.

Voting/air class function

Tap the  icon to enable the voting/air class function. The screen will display QR code window.



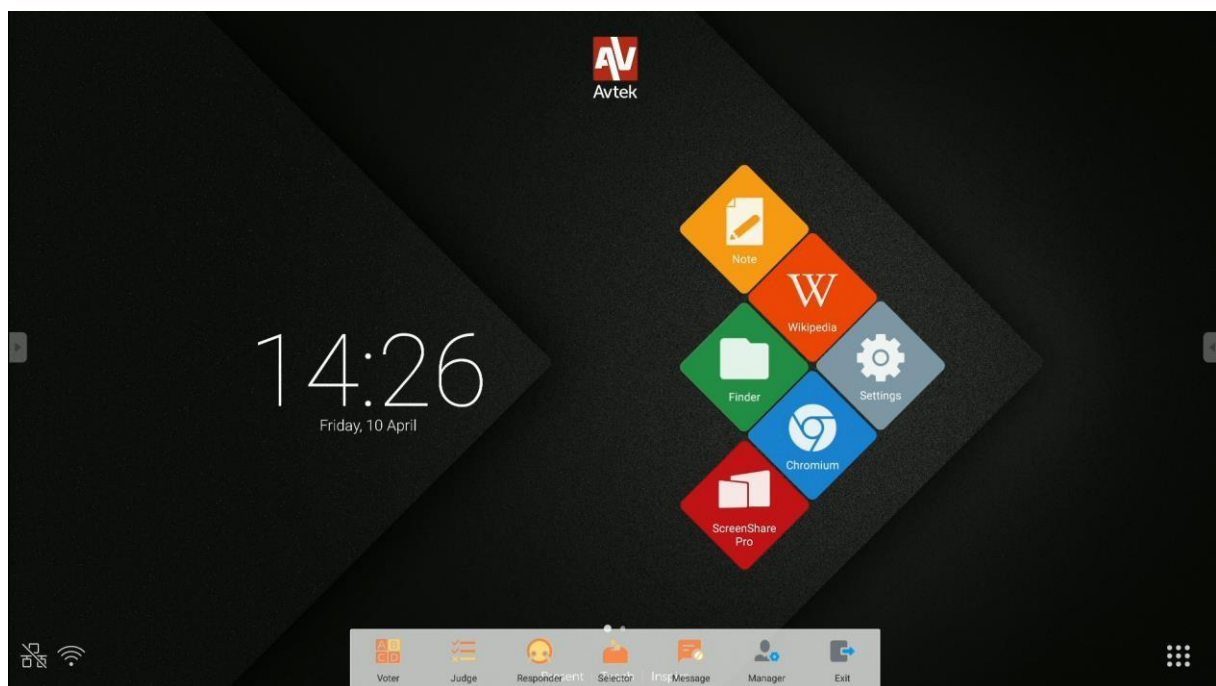
To use the tool you need to:

1. Connect the interactive monitor to an available network.
2. Enable the WiFi function on the devices that will be used to answer the questions. Then connect them to the same WiFi network as the interactive monitor.








NOTE: *All devices must be connected to the same WiFi network!*

3. Scan the QR code or type the address displayed below it into your web browser.
4. Type your name and press Enter to join the class.
5. On the interactive monitor, press Enter to start the session.

PLEASE **NOTE:** The voting function is for answers only. Questions can be asked, e.g. as slides in the Note application, notes on pictures or verbally.

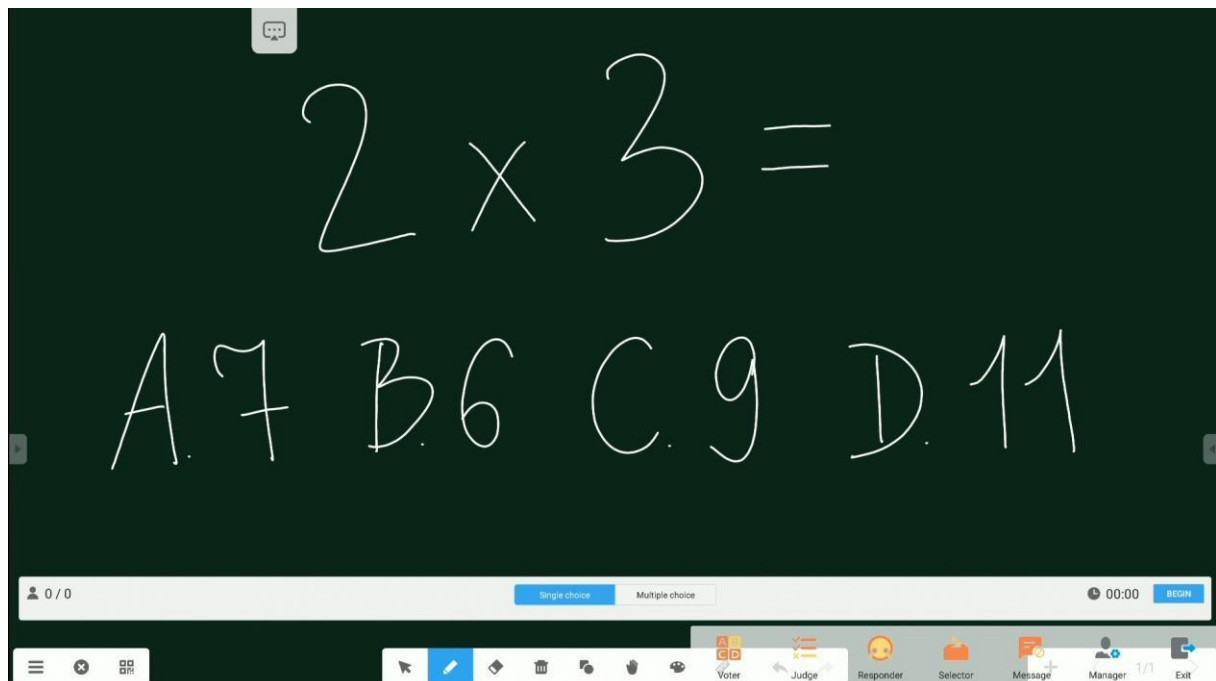


The tool has the following functions:

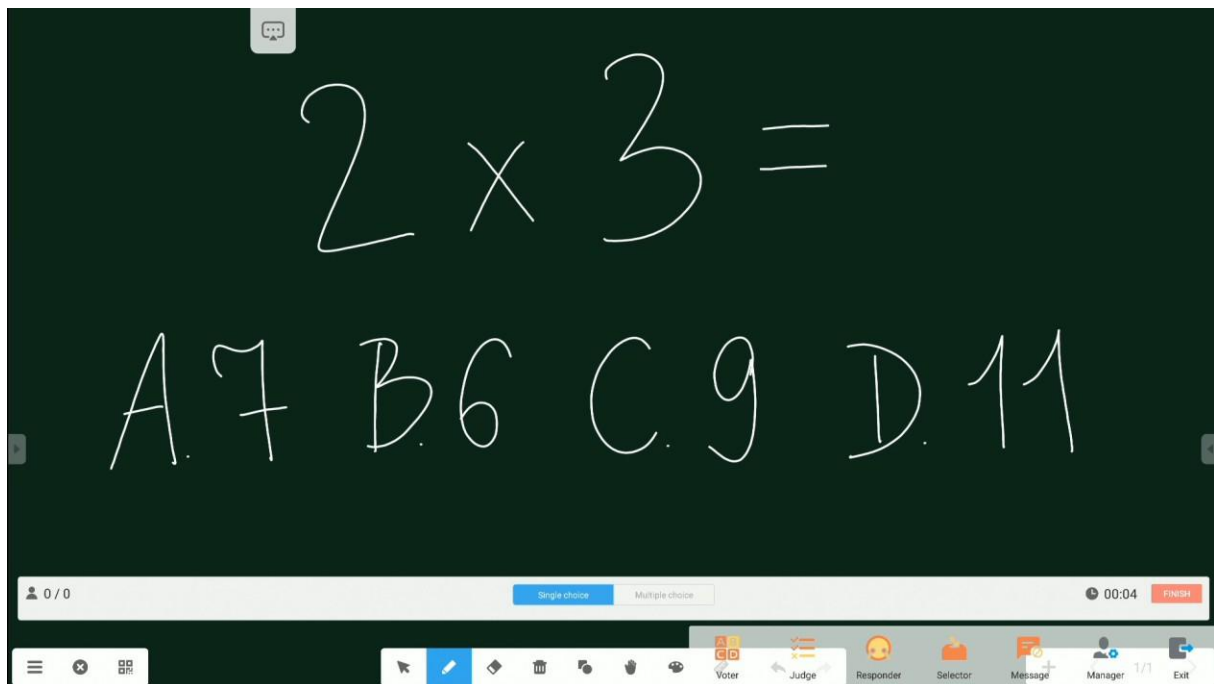
-  Voting, with a choice between single-choice and multiple-choice questions.
-  True/false question.
-  First come, first served - indicates the first person to report through their device.
-  Selector - selects a random person among those logged in. Multiple people can also be selected at once.
-  Enables/disables the ability for participants to send comments.
-  Enables:
 - Re-display the QR code.
 - Export results to an XLS file.
-  Exit the voting tool.

Voting

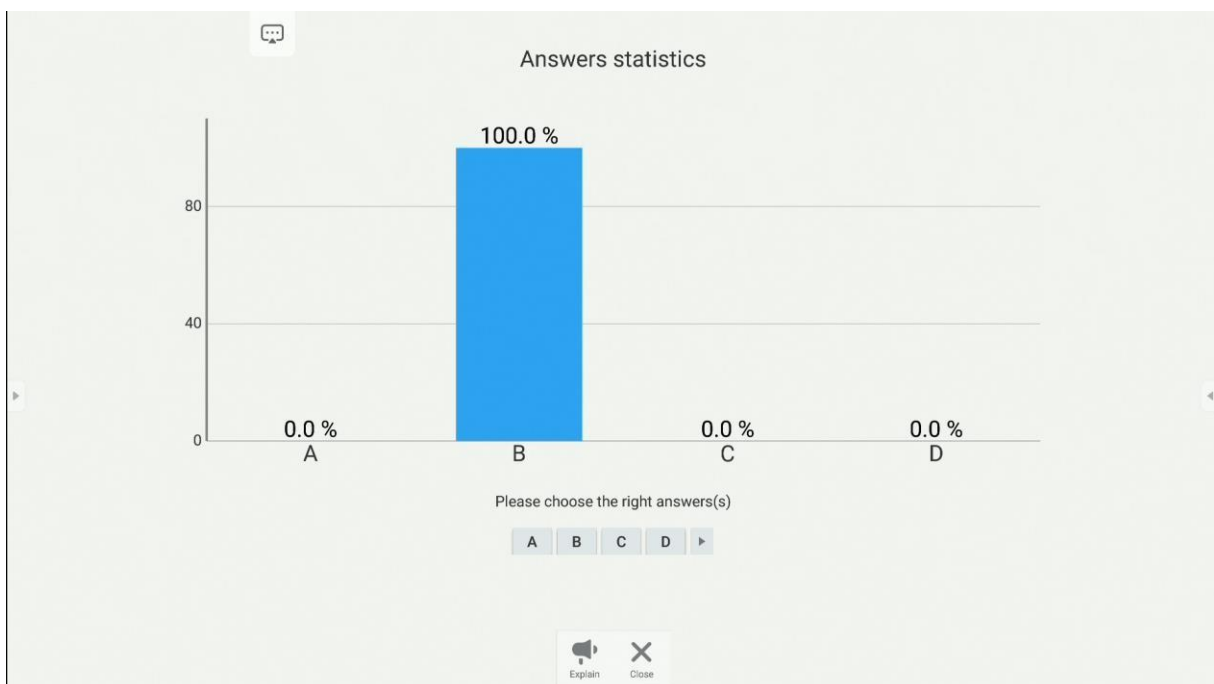
Example: A question asked in the Note app, answer mode is single-choice voting.



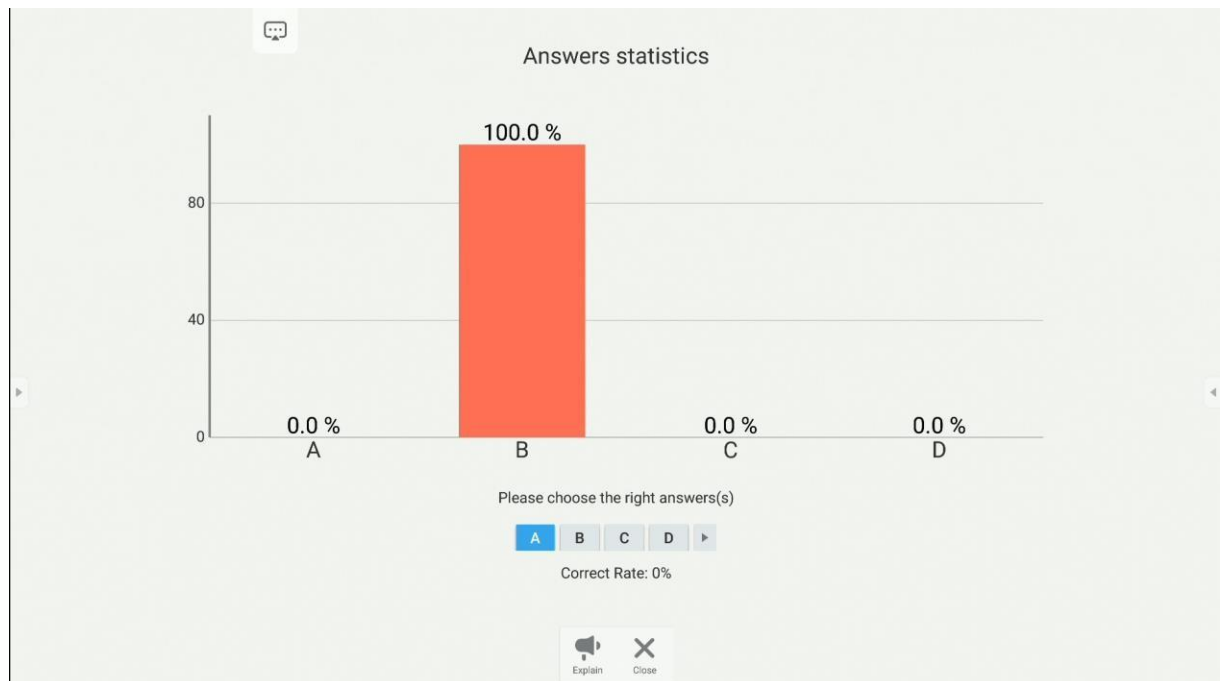
1. To start receiving participants' responses (votes), tap "Start". The names of participants who submit their answer (vote) will appear as blue icons in the list.



2. To finish collecting responses, tap "Finish". A statistics screen will be displayed.

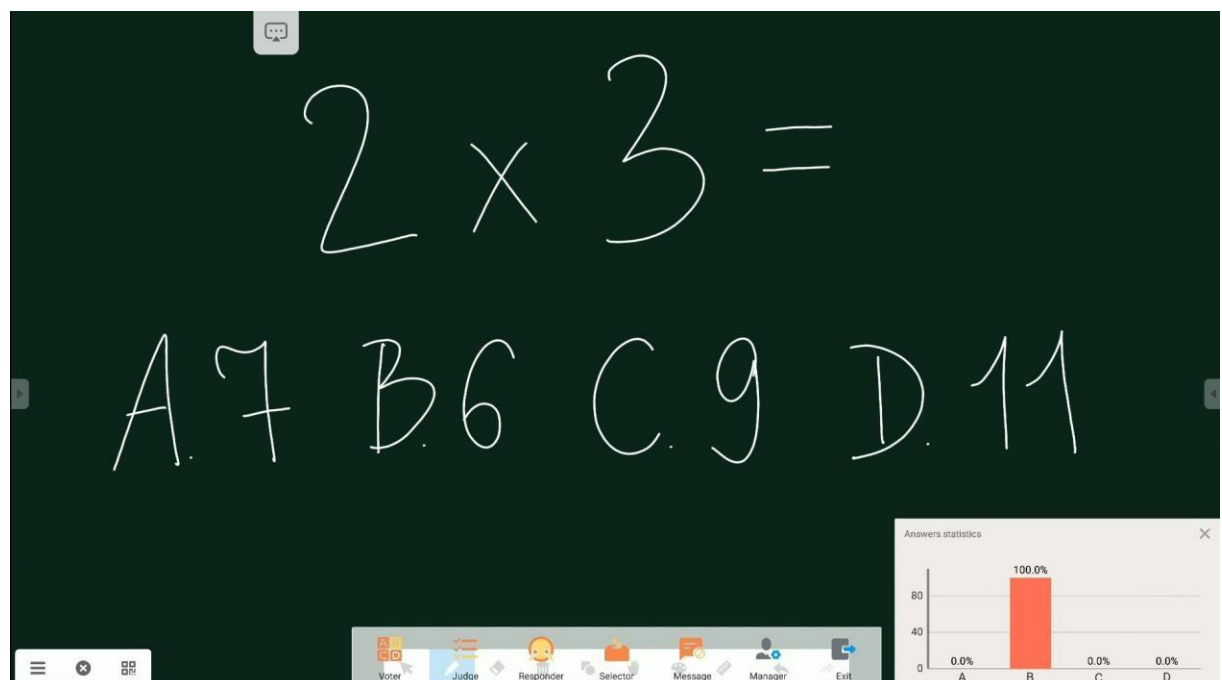


3. Here you can also indicate the correct answer.



4. Tapping the "Explain" button  will return you to the whiteboard.

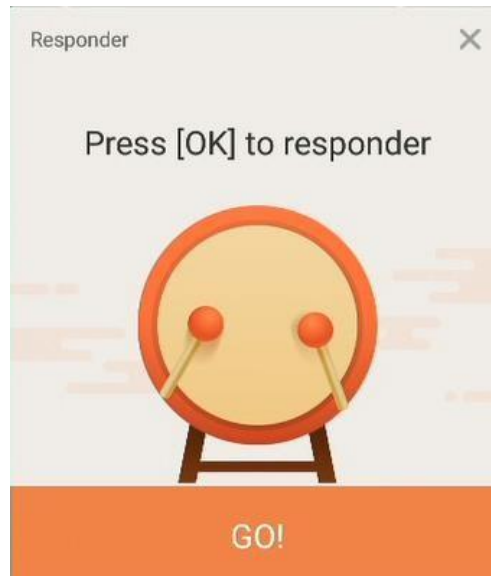
Participants will still have a preview of their answers while following the explanations provided on the board by the facilitator.



True/false

Similar to voting, this mode allows for quick 'true/false' questions.

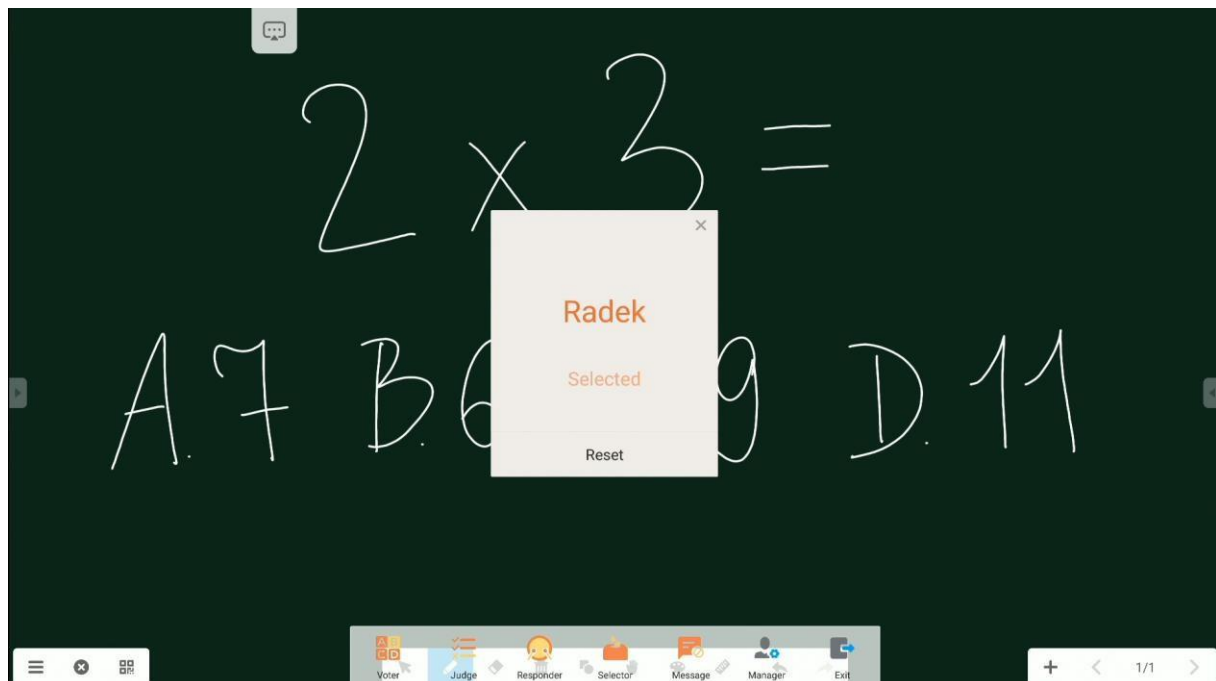
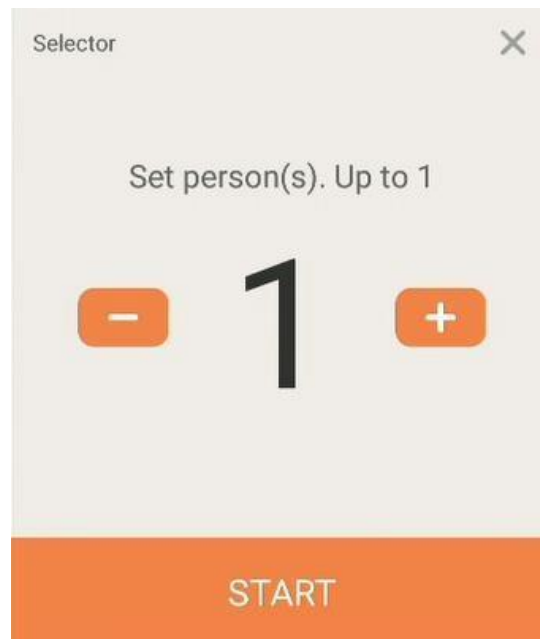
First come, first served



The first participant to submit an answer wins, and their name will be displayed on the screen. This function can be used, for example, when volunteering for an answer or a reflex quiz.

Selector


The application will indicate one or more people from among all those connected.



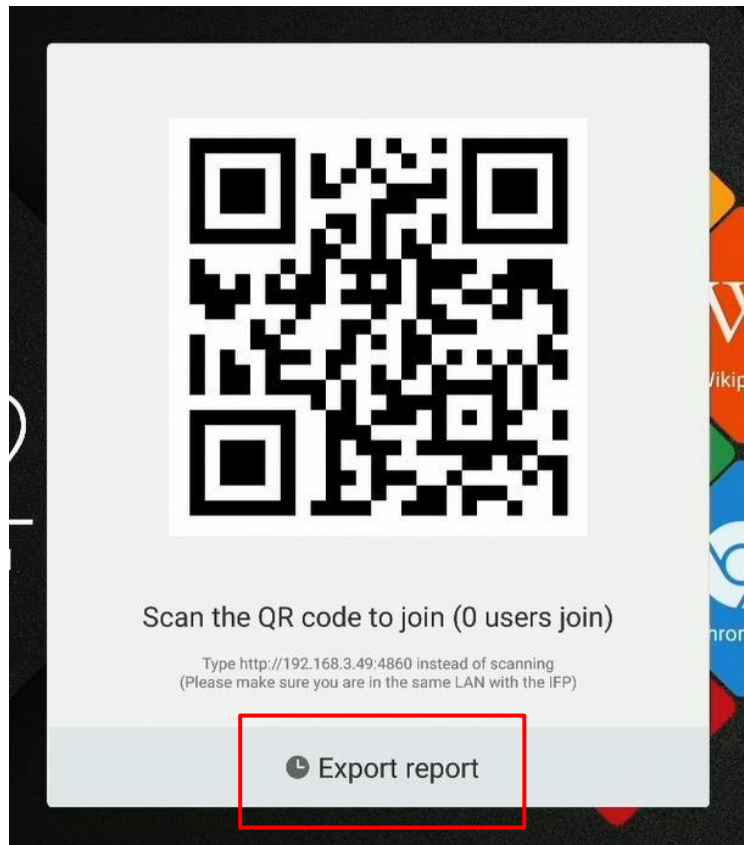
Comments

Participants have the option of sending text comments, which will appear on the screen.

Exporting results

To export the results for later evaluation after all questions have been asked, tap on the  icon and then the Export report button.

The report will be saved as an XLS file in the Air Class folder on the monitor.



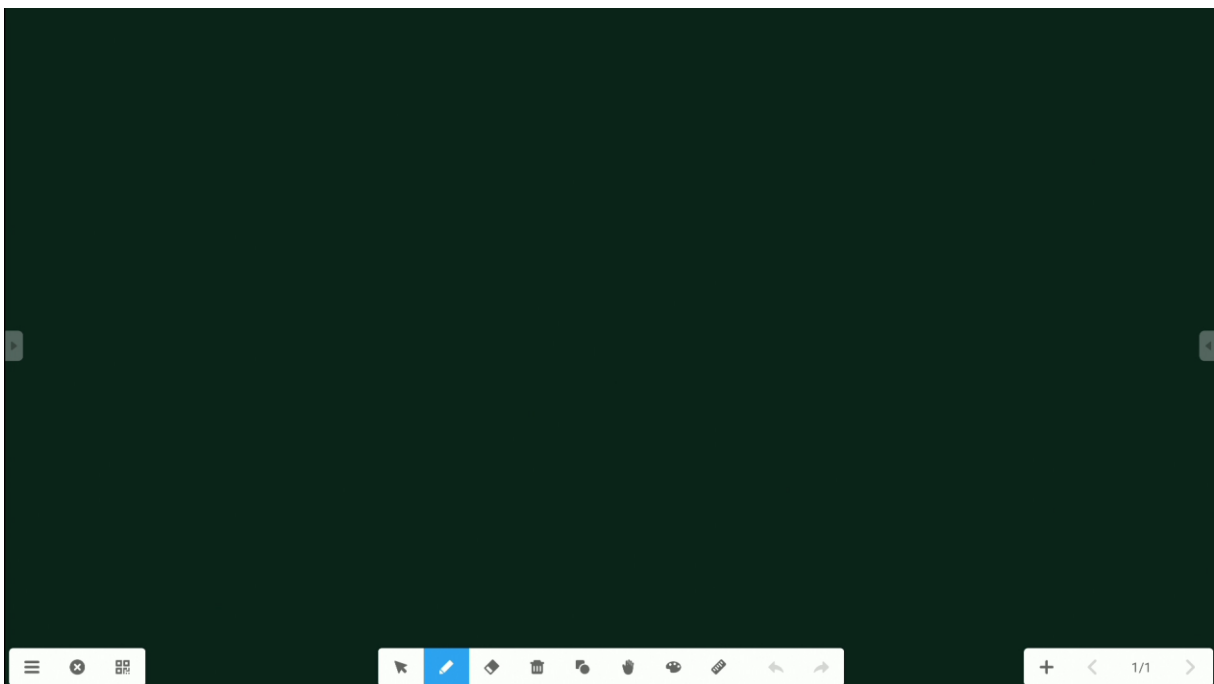
Note application






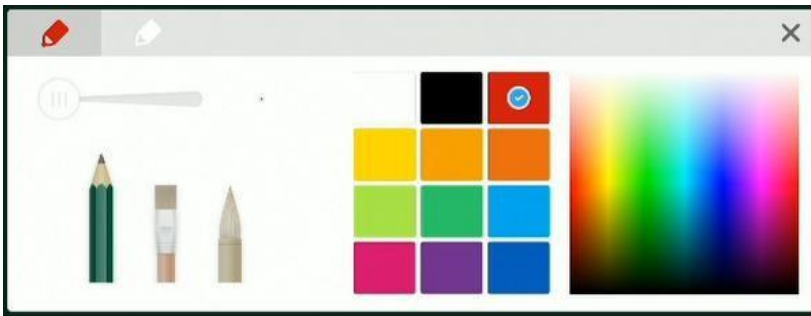

Tap the icon on your desktop to launch the Note application.



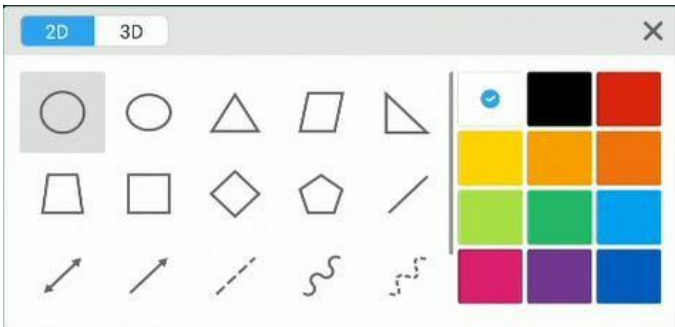


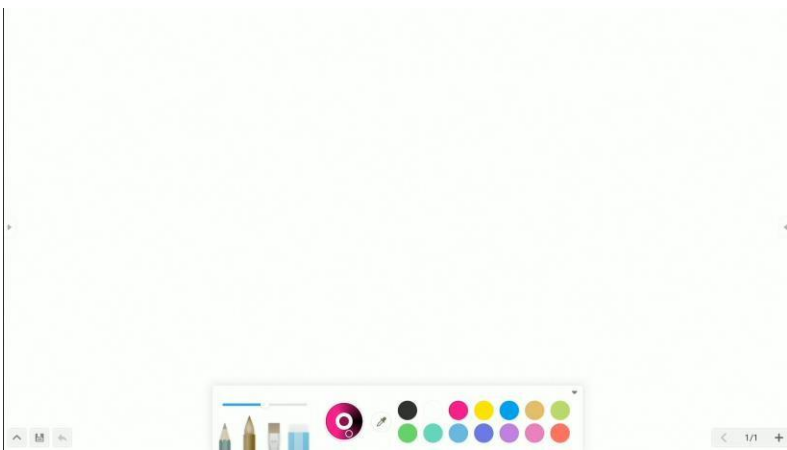

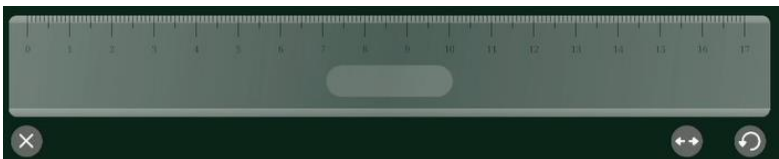

The application is a virtual whiteboard on which you can write, draw and take notes on inserted images.







Basic operation



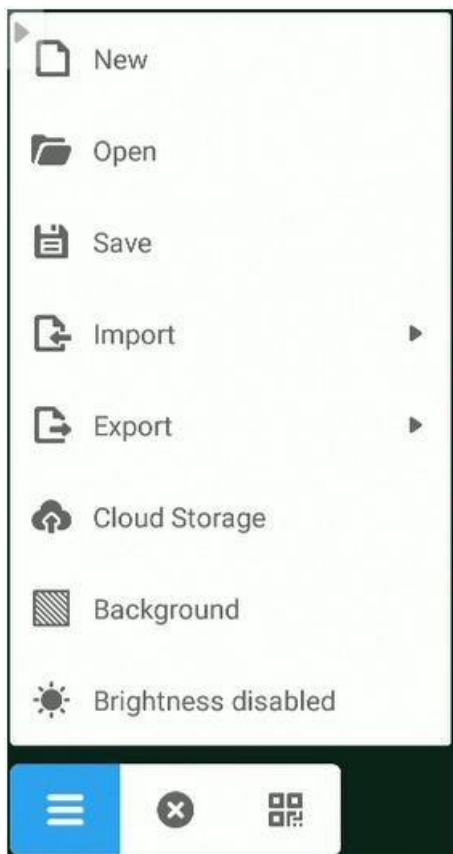
Icon	Name	Function
	Menu	Opens a tab with more functions.
	Exit	Exits the Note application.
	QR code	Provides a QR code so that participants can download all notes to their devices.






		 <p>NOTE: <i>The devices and the monitor must be on the same WiFi network.</i></p> <p>NOTE: <i>Clicking on the QR code enlarges it, allowing it to be scanned from a greater distance.</i></p>
	Cursor	The cursor allows you to select and move objects on the whiteboard.
	Pen	<p>The pen allows you to write and draw on the whiteboard. Tap a second time to select the type, thickness and colour of the pen.</p>  <p>Depending on the monitor model, it is also possible to set different pen types, thickness and colour for the included thick and thin tip pens</p>
	Eraser	<p>Allows you to erase notes and objects.</p> <p>NOTE: <i>It is also possible to erase notes (but</i></p>




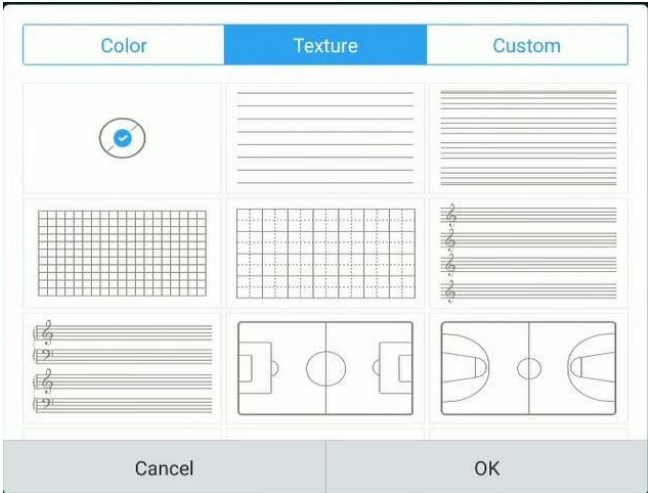

		<i>not objects) by placing your whole hand on the screen.</i>
	Bin	Erases all objects from the page.
	Objects	<p>Drawing objects.</p> <p>Tap a second time to select the type and colour of object to be drawn.</p> 
	Hand	The hand function allows you to move the entire page and zoom in and out.
	Paint mode	<p>Paint mode allows you to replicate drawing with brush and crayon, as well as to manually mix colours.</p> 
	Mathematical tools	<p>Allows the insertion of mathematical tools: a ruler, two types of eccentric and a protractor.</p> 
	Undo	Undoes the last change.

	Renew	Cancels the last undo.
	Add page	Allows you to add another page.
	Page back	Takes you back to the previous page.
	Page forward	Opens the next page.
	Page counter	<p>Indicates how many pages are open and which one you are currently on.</p> <p>When clicked, it displays a menu with a preview of each page.</p> 


Menu

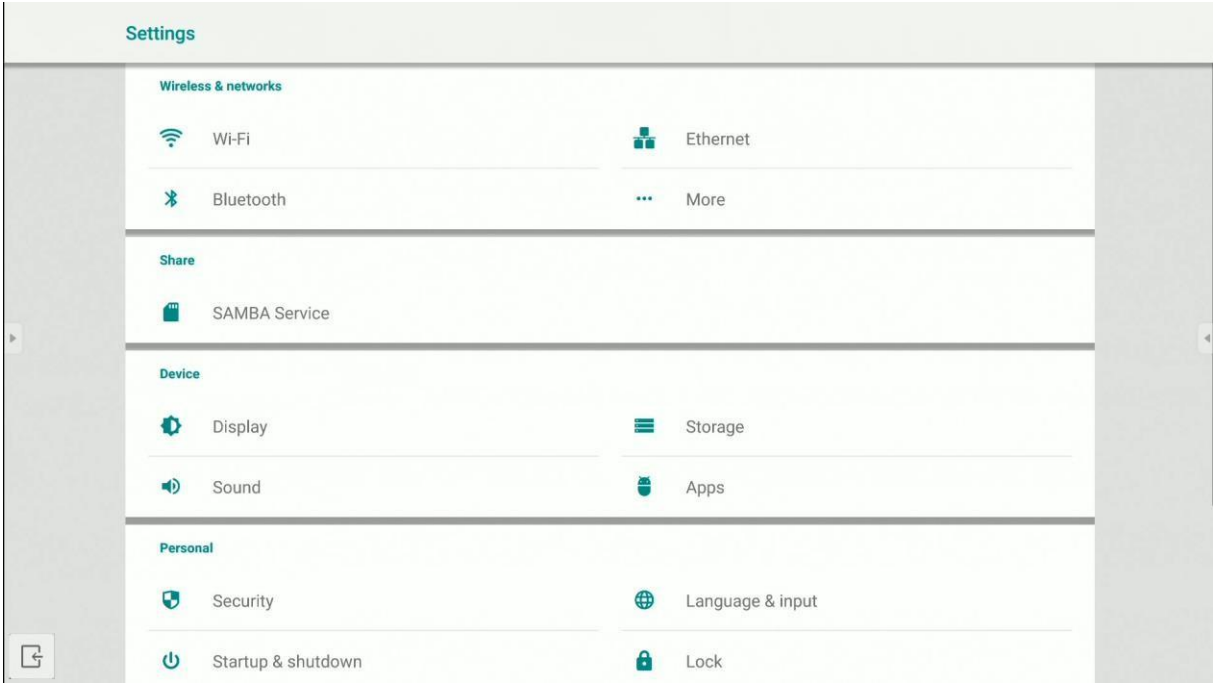










Icon	Name	Function
 New	New	Opens a new document.
 Open	Open	Allows you to open an existing document.
 Import	Import	Allows you to import another file into the page. Image, PDF, and SVG files can be imported. 
 Export	Export	Allows you to export notes to other formats.











			
 Cloud Storage	Cloud	<p>Allows you to send your notes to the cloud.</p> <p>More about this tool under Cloud Drive.</p>	
 Background	Background	<p>Allows you to change the background colour, pattern and to add any of your images as a background.</p> 	
 Brightness disabled	Brightness on/off	<p>Enables/disables the automatic brightness control. When the function is activated, the monitor reduces the brightness when someone is writing on it to avoid eyestrain.</p>	

System settings

To open the System settings, tap the  icon .



Icon	Function
 Wi-Fi	Configure the wireless network settings.
 Ethernet	Configure the wired network settings.
 Bluetooth	Configure Bluetooth settings.
 More	Access more settings.
 SAMBA Service	Enable/disable the SAMBA service.
 Display	Display settings.
 Sound	Audio settings.
 Storage	Memory settings.

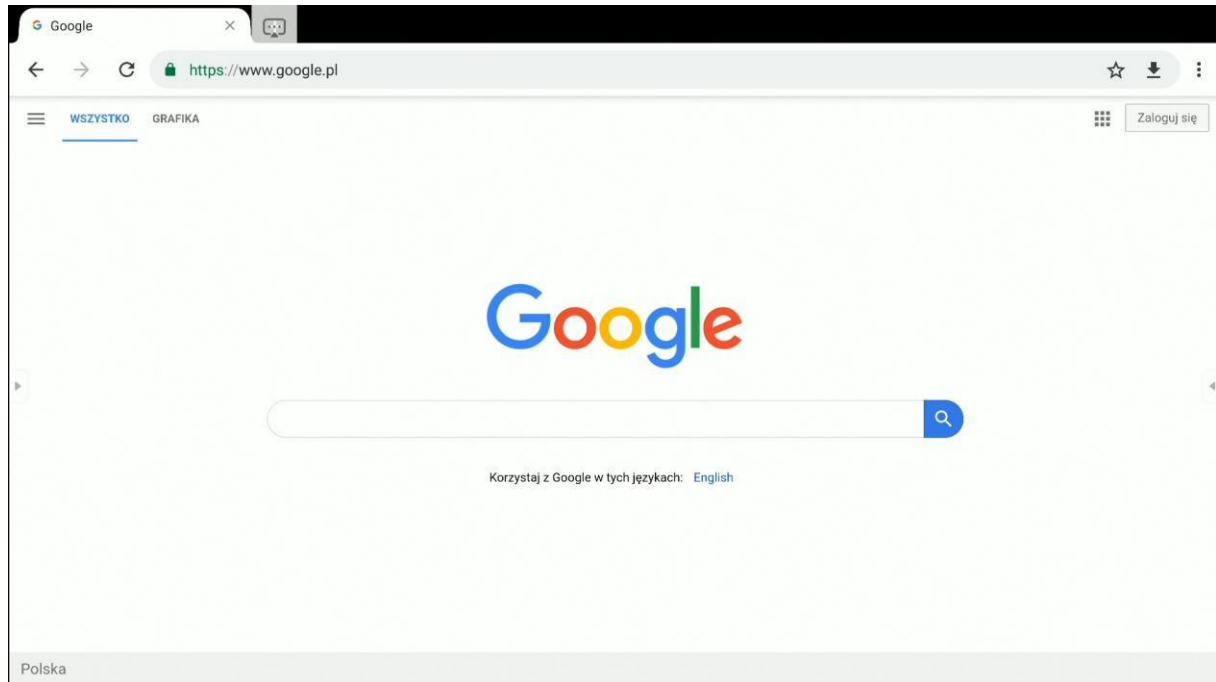
	Apps	Application settings.
	Security	Advanced security and permissions settings.
	Startup & shutdown	Power on/off settings, timer settings.
	Language & input	Language and input settings.
	Lock	Set or change the monitor lock password.
	Input Setting	Source settings, editing of source names.
	Other Settings	Other settings.
	Date & Time	Date and time settings.
	About device	Device information.
	System Update	Manual check of system update.

Web browser

To open the web browser, tap the



icon

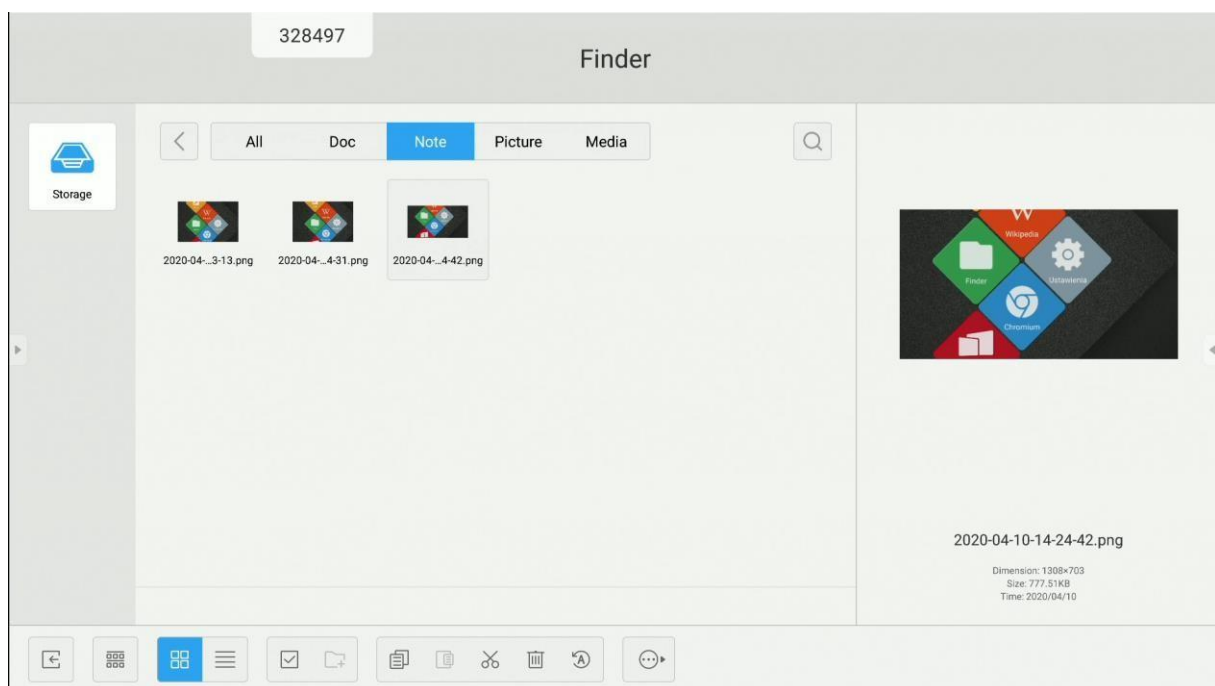






Finder - file manager









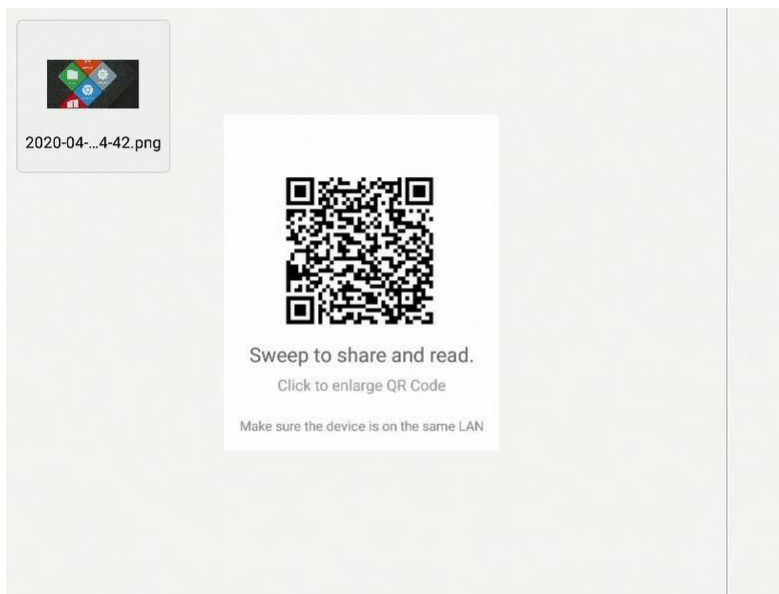
Basic operation

To open the Finder, tap the  icon

Finder is a file manager - thanks to it, you can access files in the monitor's memory and, for example, on attached USB drives.



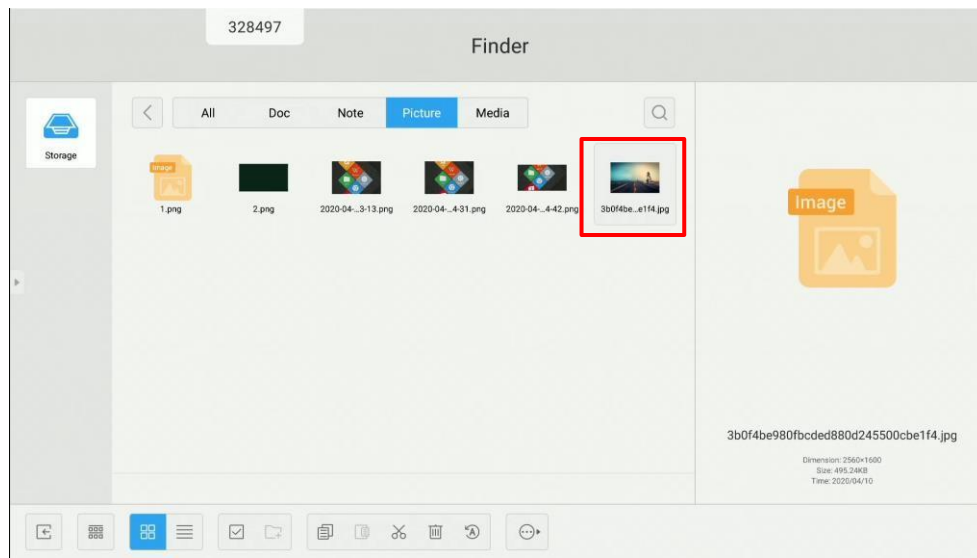
Icon	Name	Function
	Exit	Closes the Finder.
	Sort	Selects the type of sorting.
	Thumbnails	Display as thumbnails.
	List	Display as a list.

	Select	Enable multiple object selection mode.
	New folder	Create a new folder.
	Copy	Copy the selected object.
	Paste	Paste the object from the clipboard.
	Cut	Cut the selected object.
	Delete	Delete the selected object.
	Rename name	Rename the selected file/folder.
	Share	<p>Share the selected file:</p> <ul style="list-style-type: none"> - to a plugged-in USB stick - via QR code <div data-bbox="512 1122 1294 1713" data-label="Image">  <p>The screenshot shows a sharing interface. On the left, there is a small thumbnail of a file named '2020-04-...4-42.png'. In the center, there is a large QR code. Below the QR code, the text reads: 'Sweep to share and read.', 'Click to enlarge QR Code', and 'Make sure the device is on the same LAN.' The background is a light gray.</p> </div> <p>NOTE: Devices must be connected to the same WiFi network.</p>

Changing/setting the wallpaper

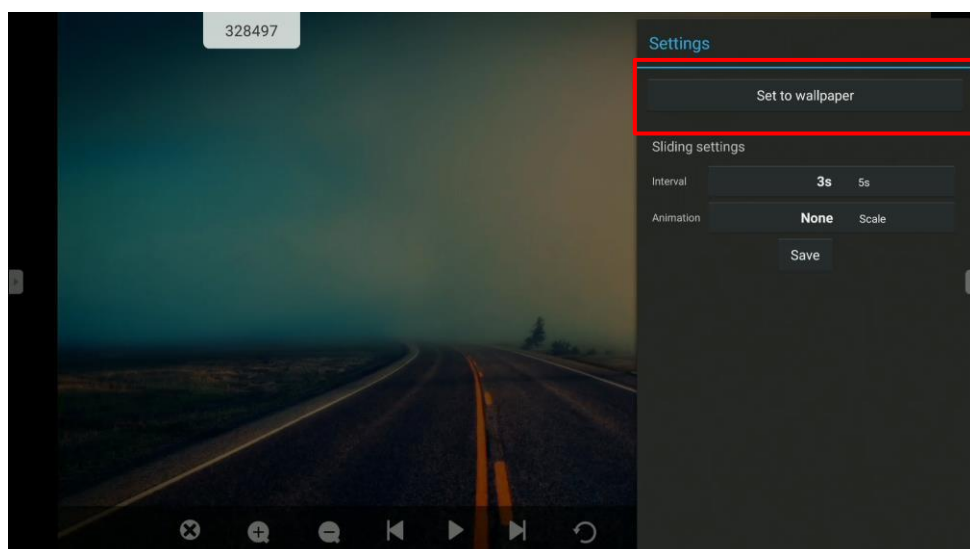
To change the wallpaper of the interactive monitor, you first need to prepare an image which will be the new wallpaper. Such a file can be downloaded from the Internet or prepared on a USB drive.

1. Select the file that will be set as the new wallpaper and double-tap it.

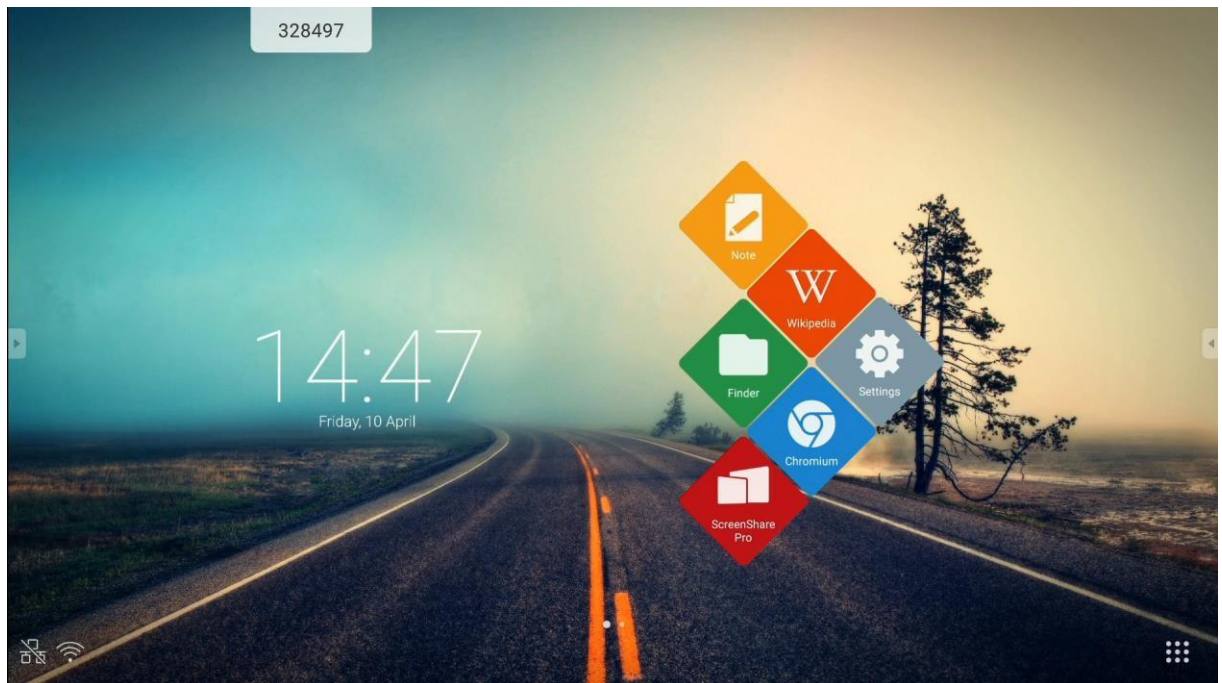
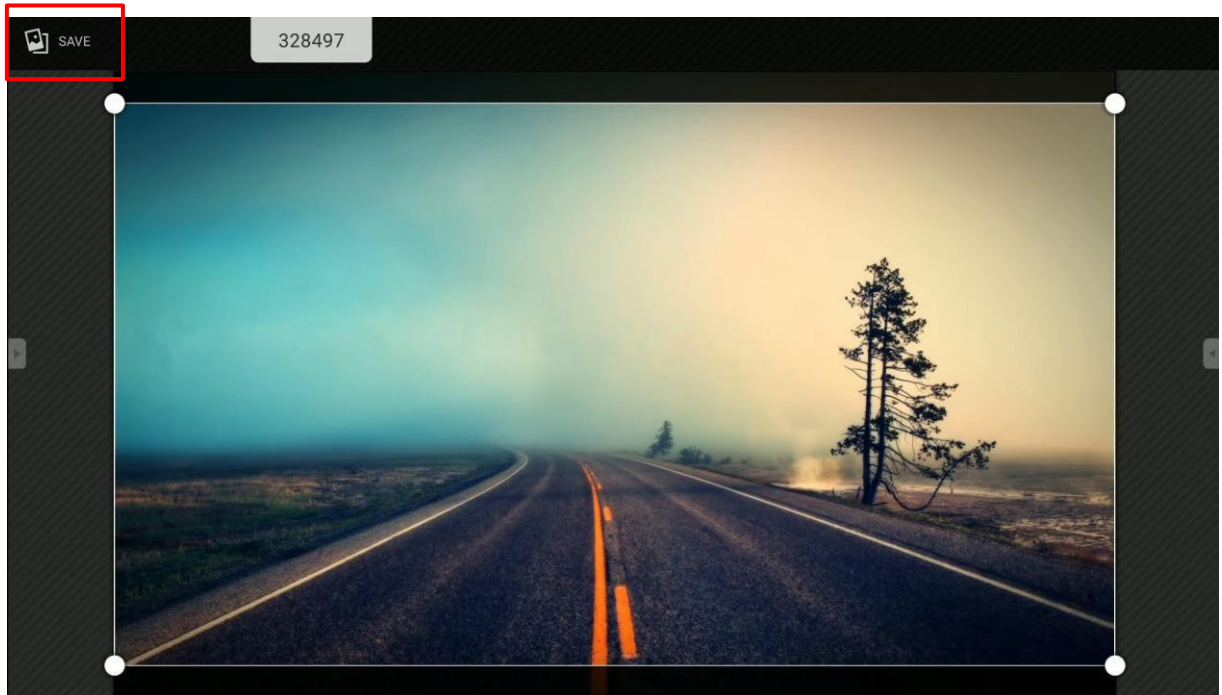


2. Tap the  button.

3. Tap Set to wallpaper.



4. Crop the picture and tap Save to set as wallpaper.

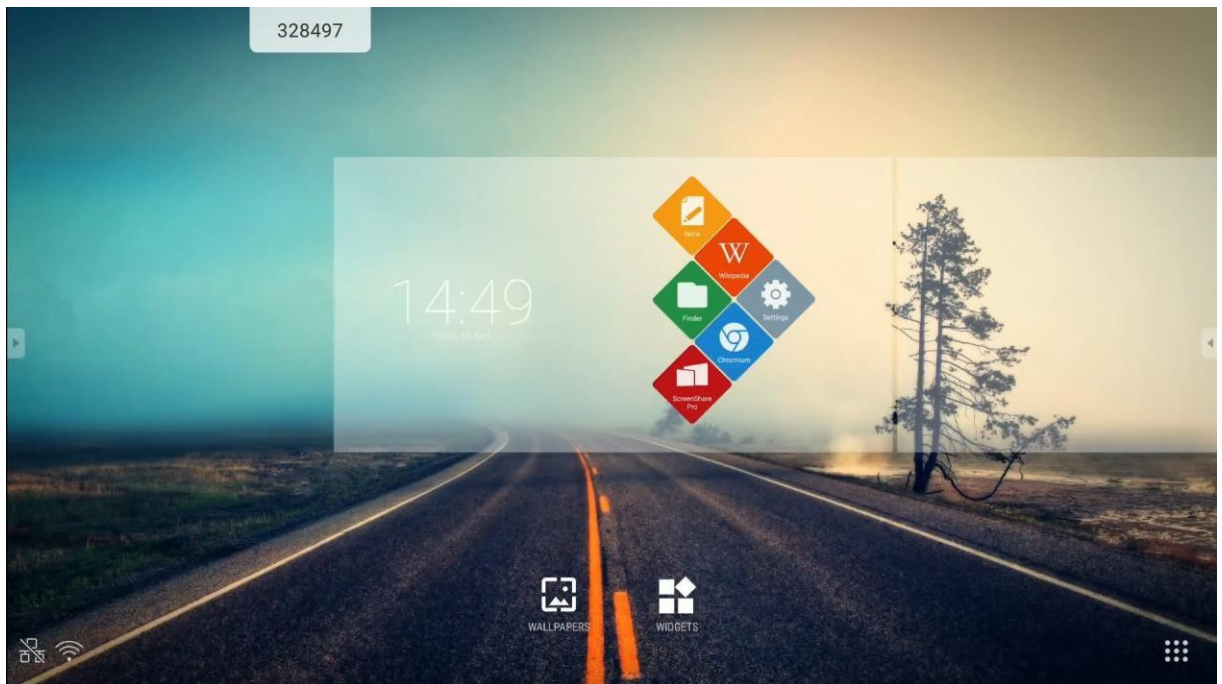


Desktop settings

Widgets

You can add application shortcuts and widgets to desktops (except the first one). To add widgets to a desktop, do the following:

1. Tap and hold the desktop.
2. Tap the  icon



NOTE: Widgets depend on the applications installed. The manufacturer of the interactive monitor does not guarantee the correct operation of every application and every widget.

Adding desktops

To add another desktop, drag an application shortcut onto it.

ScreenShare Pro

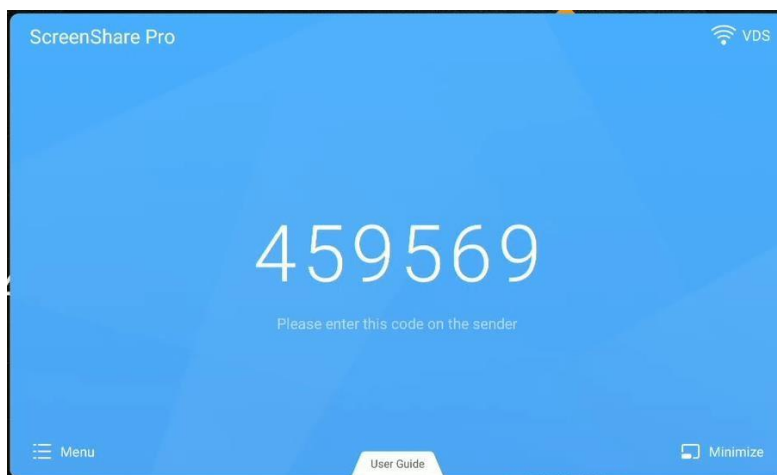
ScreenShare Pro is a wireless image transfer application. It allows you to display content from mobile devices and computers on an interactive monitor via a WiFi connection.

NOTE:

- *Devices must be connected to the same WiFi network.*
- *Make sure you are connected to the internet. A fast internet connection ensures that the image transfer function works quickly.*



Press the icon to activate the application.



Compatible operating systems:

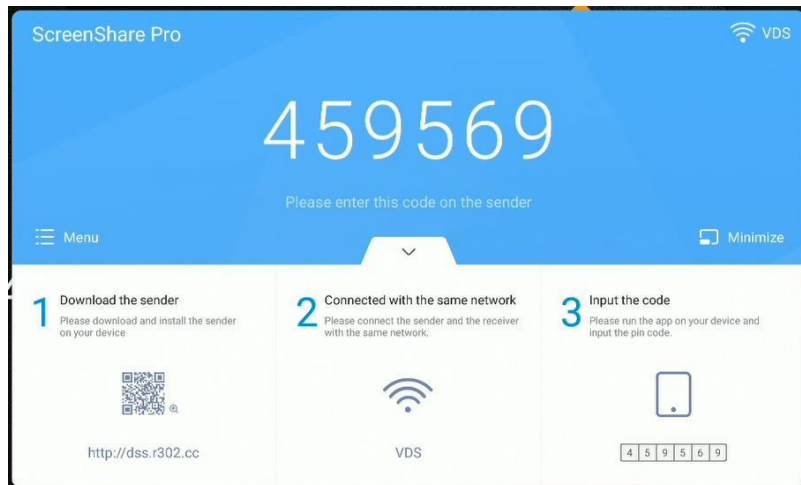
- Windows 7, 8, 10
- MAC OSX 10.8 or later
- iPhone iOS 9.0 or later
- Android 5.0 or later

Mobile devices

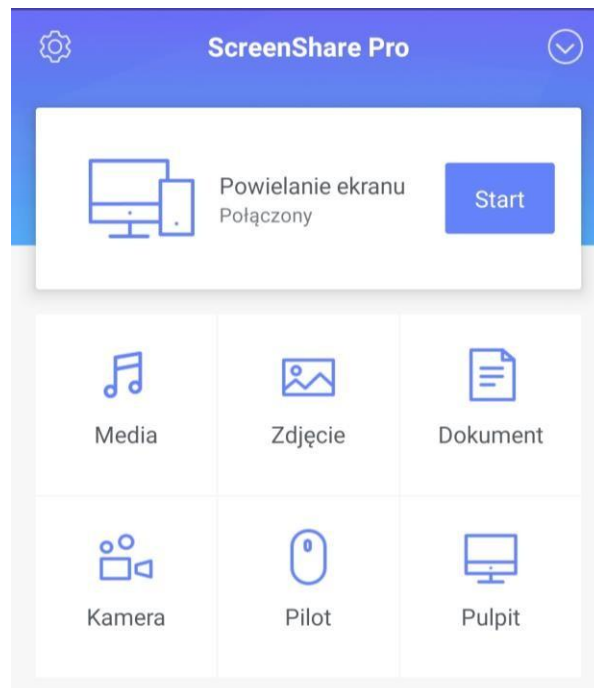
1. Download the ScreenShare Pro app.


On Android and iOS devices, the ScreenShare Pro app can be downloaded from the Google Play and App Store.

An alternative option is to press the User Guide button and scan the QR code displayed there.







2. Input the code displayed on the monitor into the app to connect to the monitor.





- Tap the  icon to start transferring the image from the mobile device to the monitor.

NOTE: *Four people can simultaneously send an image to the monitor.*

To stop the transfer, click the  icon.

- Icons    allow you to send audio and video files, photos and documents to the monitor respectively. In this mode, the file will be fully buffered before being displayed.

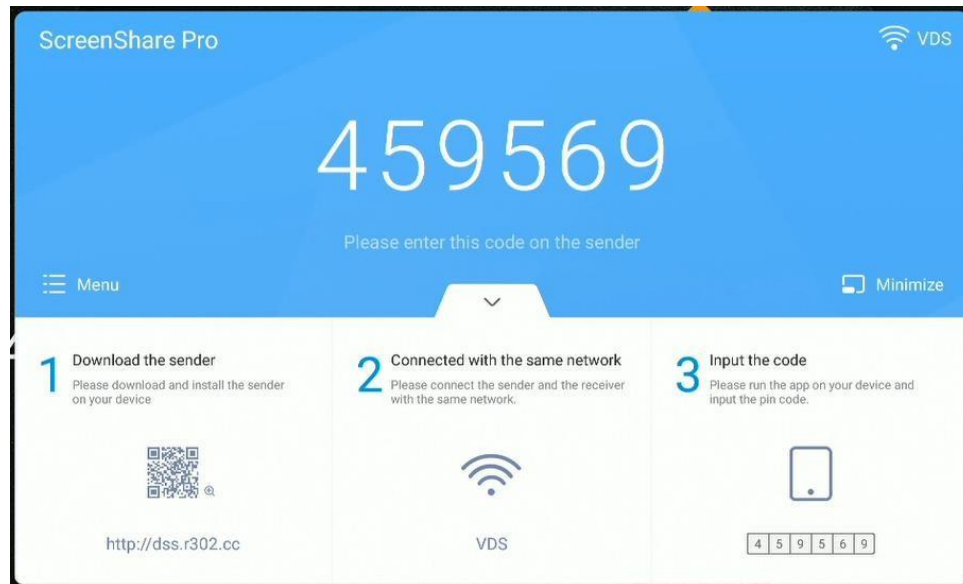
- To enable camera image transfer mode, tap the  icon. This mode allows you to choose between the quality and smoothness of the transfer, and to freeze the image of interest.

- Tap  to use your mobile device as a touch-sensitive trackpad monitor control.

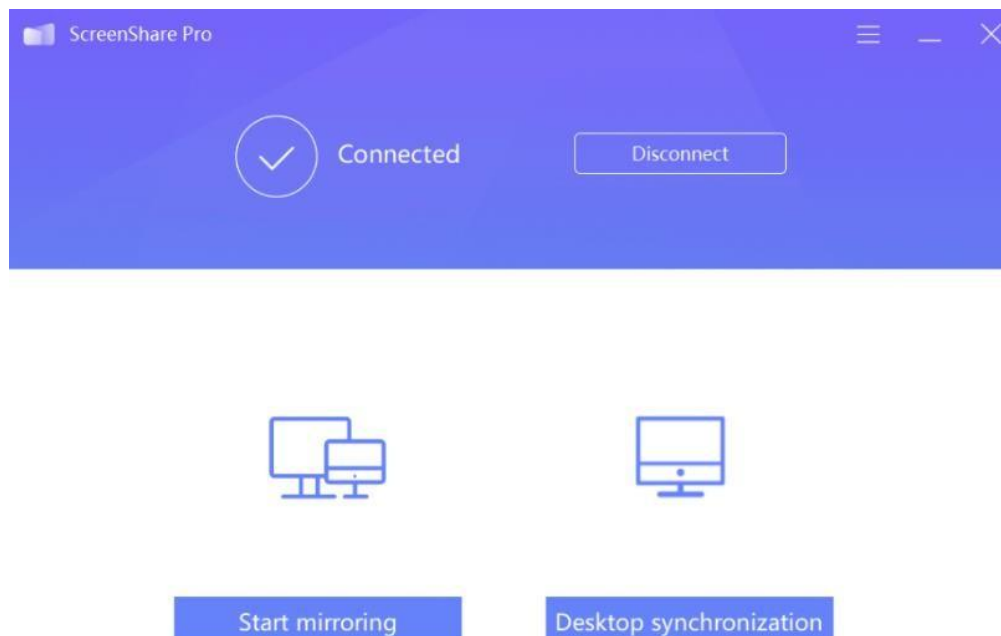
- Tap  to transfer the monitor image to your phone, with the possibility of touch control.

Computer

1. Download the application by scanning the QR code, or entering the address displayed below the code into your browser.



2. Input the code displayed on the monitor into the app to connect to the monitor.



- Tap **Start mirroring** to start transferring the image from your computer to the interactive monitor.
- Tap **Desktop synchronization** to start transferring the image from the interactive monitor to your computer.

Using the application

IMPORTANT: *The built-in Android operating system is not a standard system. It has been modified and optimised to work like an interactive monitor. As a result, Google Play is not available.*

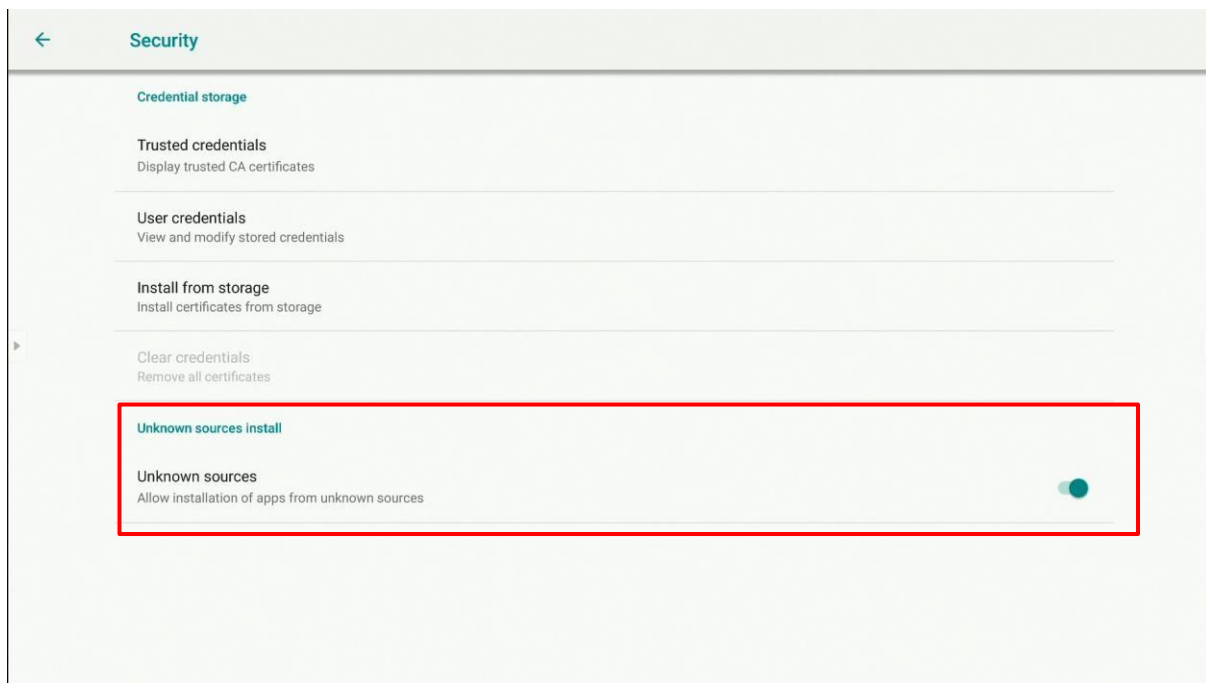
Installed applications may not function correctly. The manufacturer of the monitor does not guarantee the correct operation of any application installed independently by the user.

To access other applications, select the icon at the bottom right of the corner of the screen.




To install an application yourself, download the APK installation file of the application and run it on the monitor.


You may need to unlock the installation from unknown sources. To do this, go to Settings, Security tab, and enable the “Unknown Sources” option.




Calculator

To enable the calculator, tap the  icon.

Calendar

To enable the calendar, tap the  icon.

Cloud drive

To enable Cloud Drive, tap the  icon.

The Cloud Drive app allows you to add your Google Drive or OneDrive account and quickly upload files from your monitor to it.

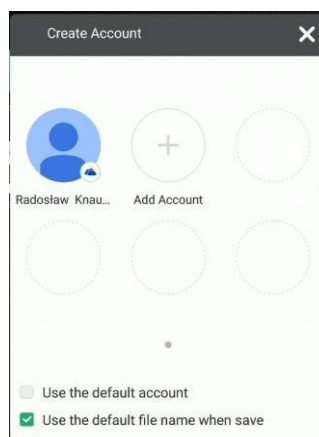


To use the app:


1. Tap “Add Account”
2. Select a cloud service: Google Drive or OneDrive

NOTE: *An internet connection is required.*

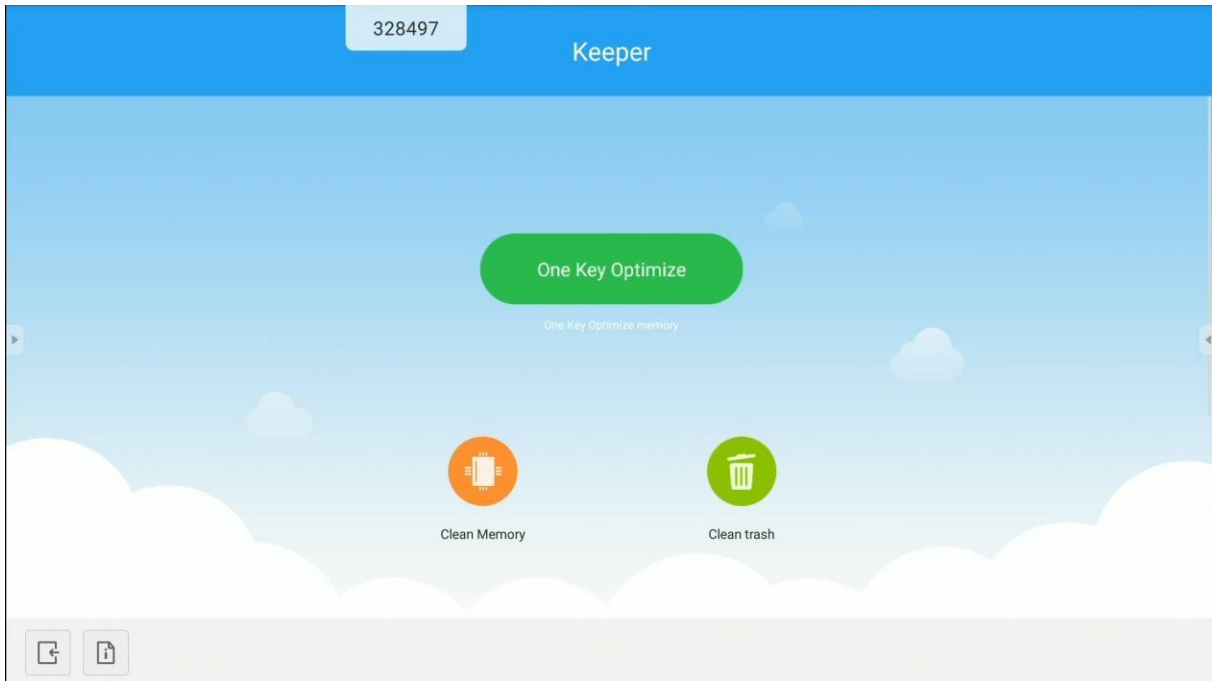
3. Log in to your account by following the on-screen instructions.



Keeper

To activate the Keeper application, tap the  icon.

The Keeper application is used to optimise the use of device memory and empty the system of unnecessary data.




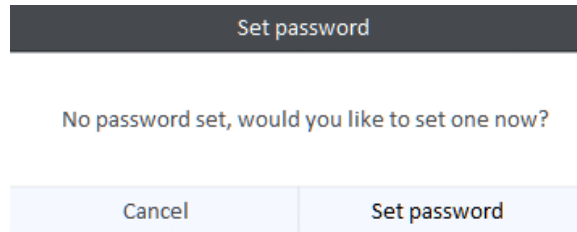
NewPipe - an application to play YouTube videos

To enable the NewPipe application, tap on the  icon.

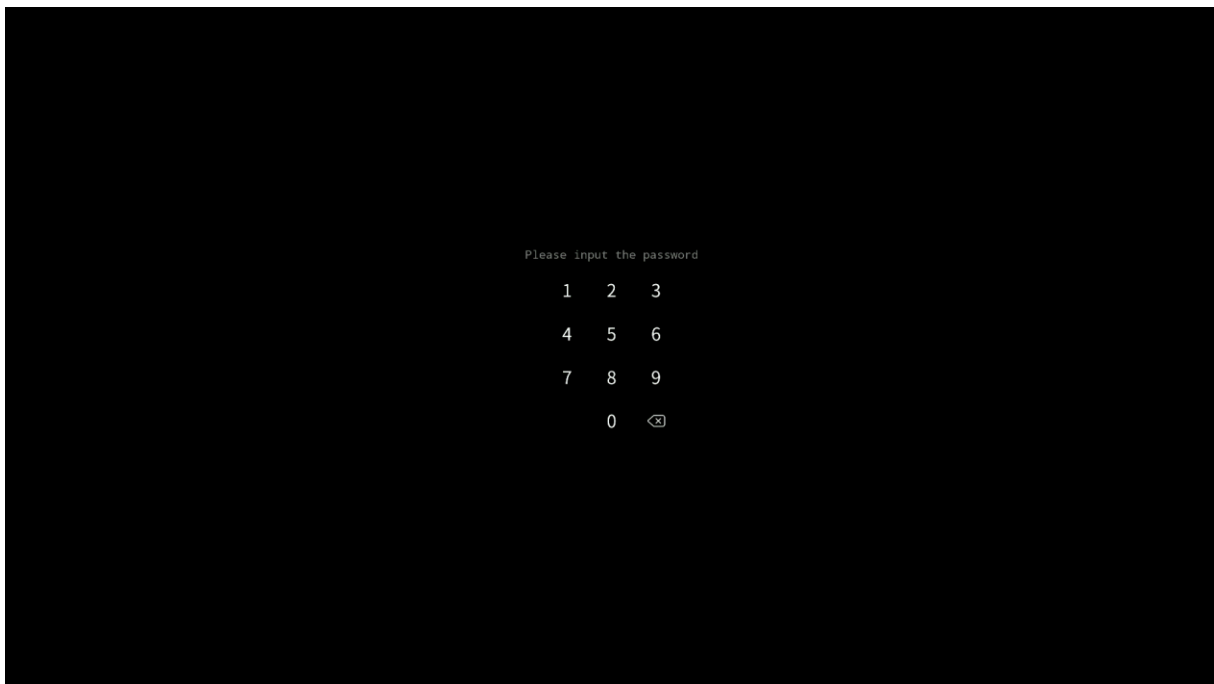
Screen lock

Screen lock application

Tap on the Screen Lock application  icon. A page allowing you to set a password will be displayed (if it hasn't already been set).



If a password has previously been set, the screen will be locked. To unlock it, enter the correct password.



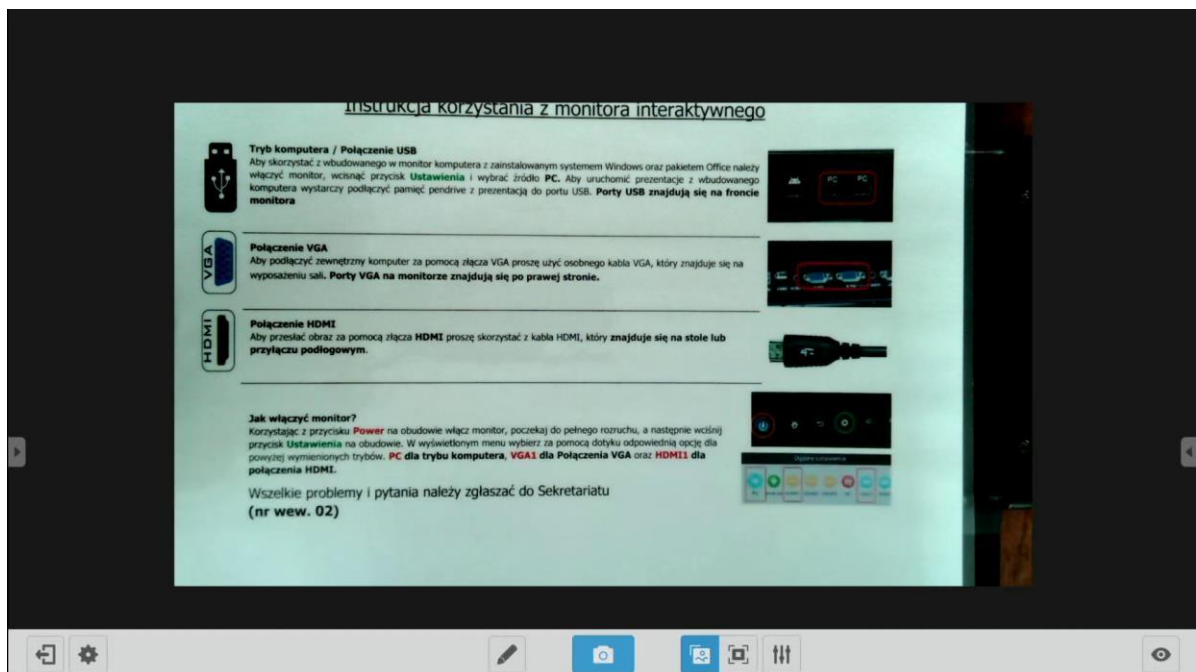
Other locking options

There are other options for locking the monitor. To find out more, please visit download.vidis.co.uk and read the article "Avtek TS - touch and monitor lock".

Visualiser

This application enables displaying an image from a visualiser or a camera with the possibility of freezing the image, splitting the screen to display several images and annotating them.

NOTE: *The manufacturer does not guarantee co-operation with every camera and visualiser. The connected visualiser or USB camera must be a HID standard device, i.e. it does not require drivers to be installed for operation.*





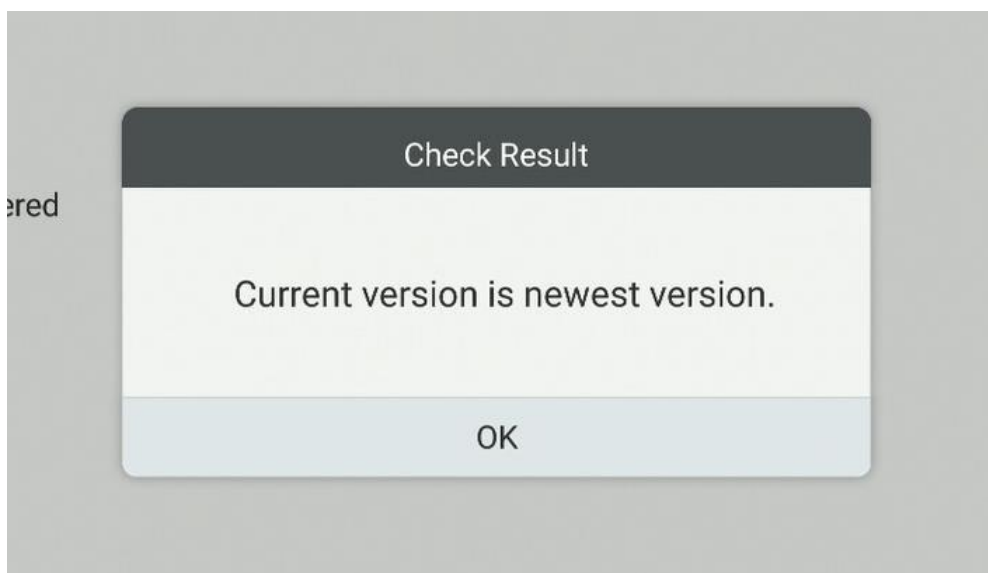
System upgrade

Avtek TouchScreen monitors can update the software via the Internet. When the monitor is connected to the internet, the system will automatically check for new updates.

NOTE: *Updates relate to the monitor's internal software, including its features, not the Android system version. The Android system version is fixed and unchangeable during the monitor's lifetime.*

To manually check for updates, go to Settings and tap on the "System update"

 System Update icon, then "Check for updates" 



If an update is available, the system will start downloading it. Once downloaded, the update will be ready for installation, which takes approximately 5 minutes.

ATTENTION: *Under no circumstances should you switch off the monitor during the update.*

**Thank you for using the Avtek TS 7 Mate interactive monitor
Android user manual!**



The manufacturer reserves the right to change the content of this manual without notice.