

**Avtek TouchScreen 6 interactive  
monitors Android user manual**



**Avtek**

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## Introduction

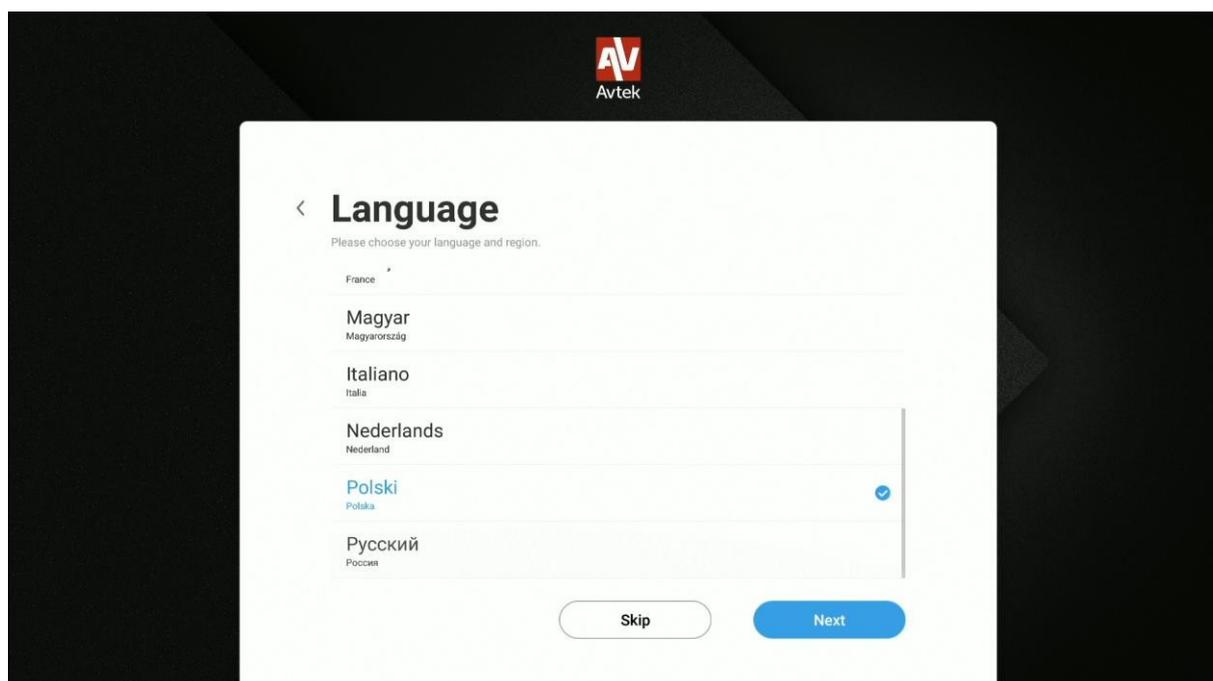
The operating system installed in Avtek interactive monitors is a modified version of the popular Android system. This system is used both for basic operation to the monitor (such as changing sources or volume levels) and offers a number of useful tools for education and business, which will be discussed later.

The device is equipped with a touch screen. To operate it, just touch the screen.

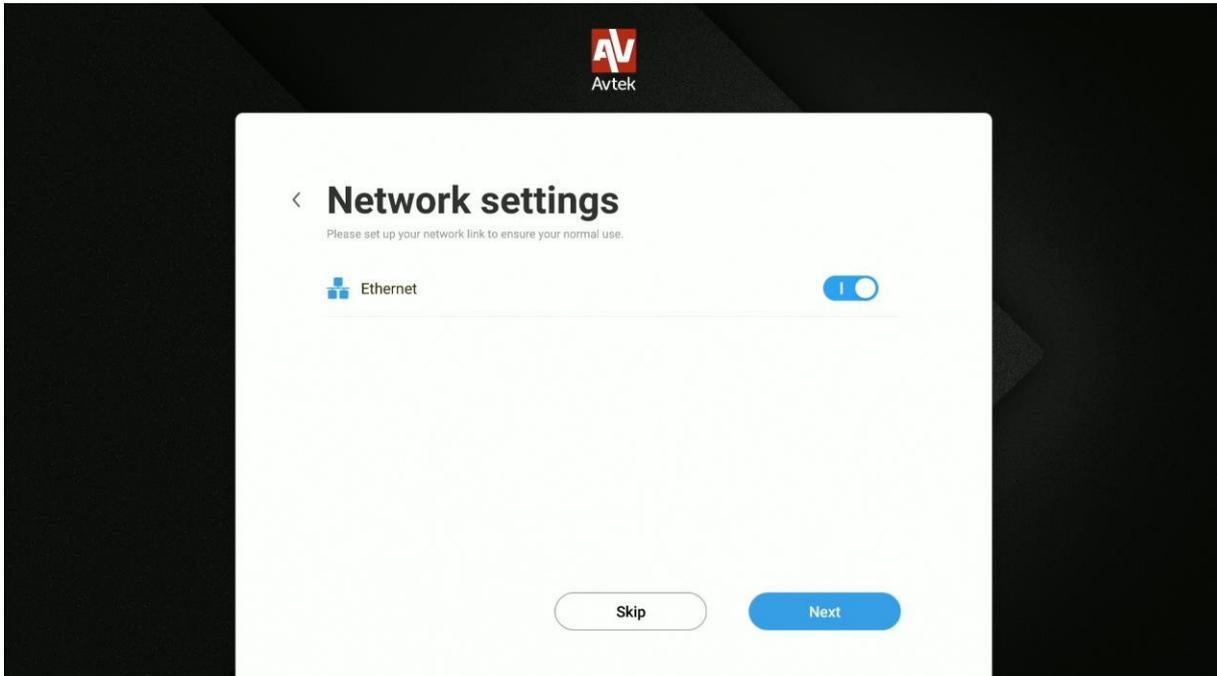
## Initial system startup

At first launch of user receives possibility basic configuration of the monitor.

1. Select the system language.

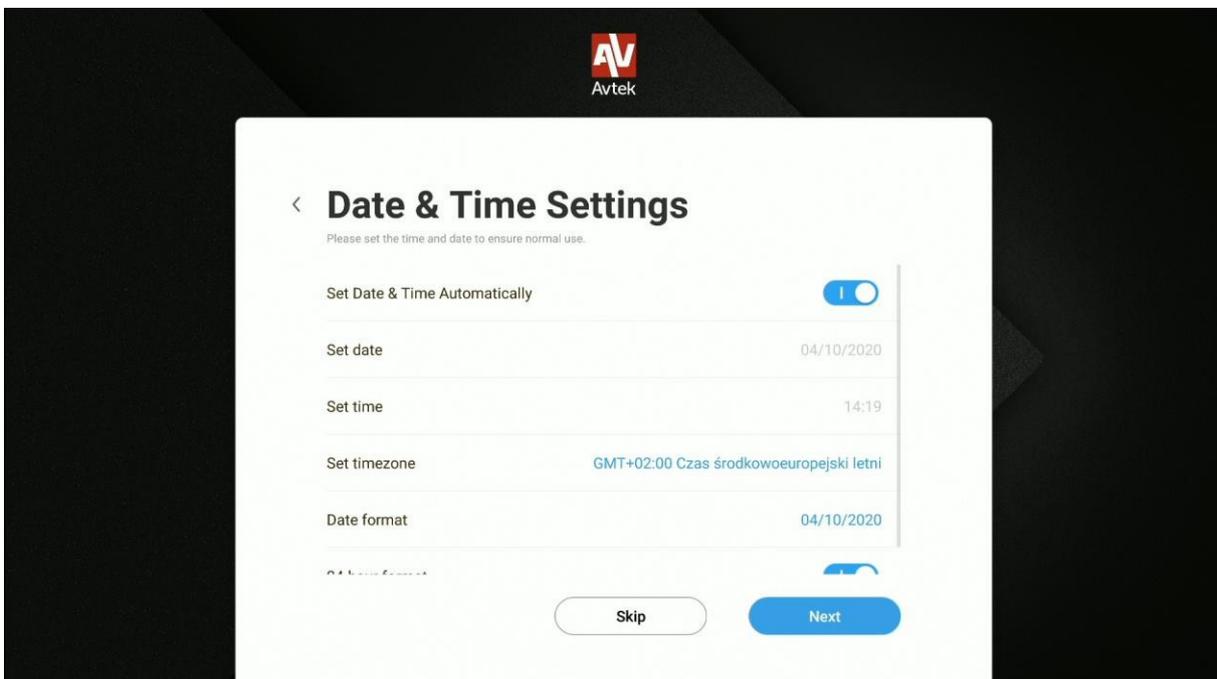


2. Connect to a WiFi or Ethernet network to access the Internet.

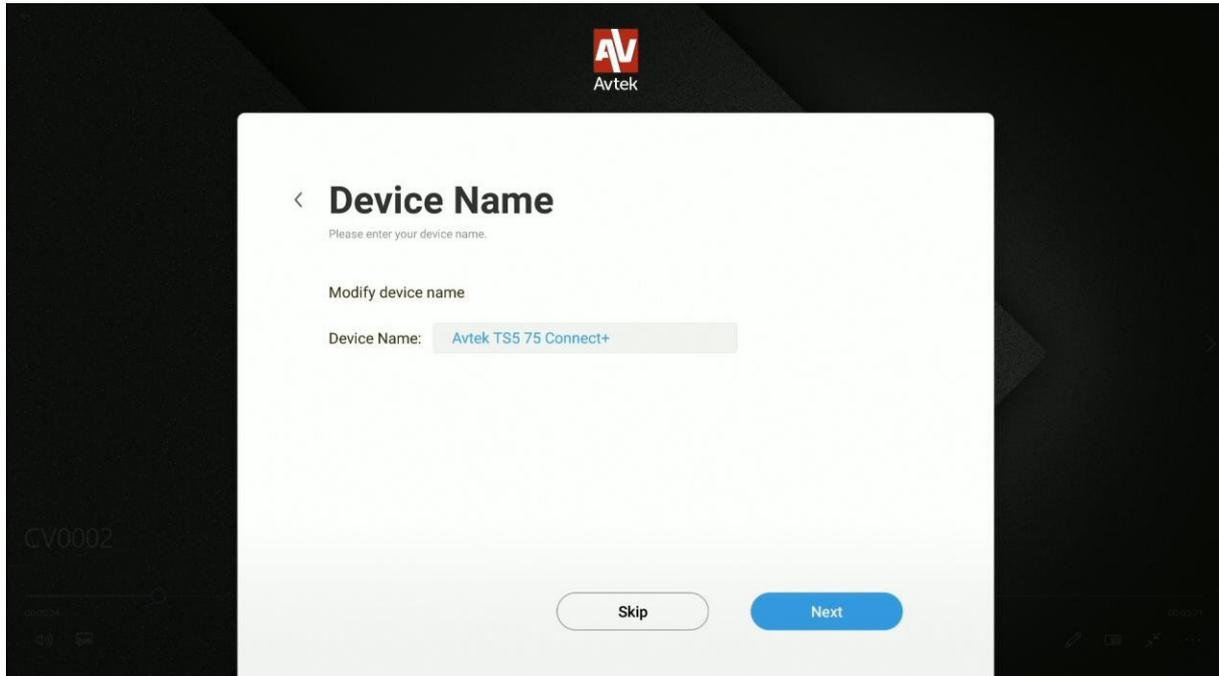


**NOTE:** to connect to a wireless network, make sure the WiFi dongle or module is properly connected.

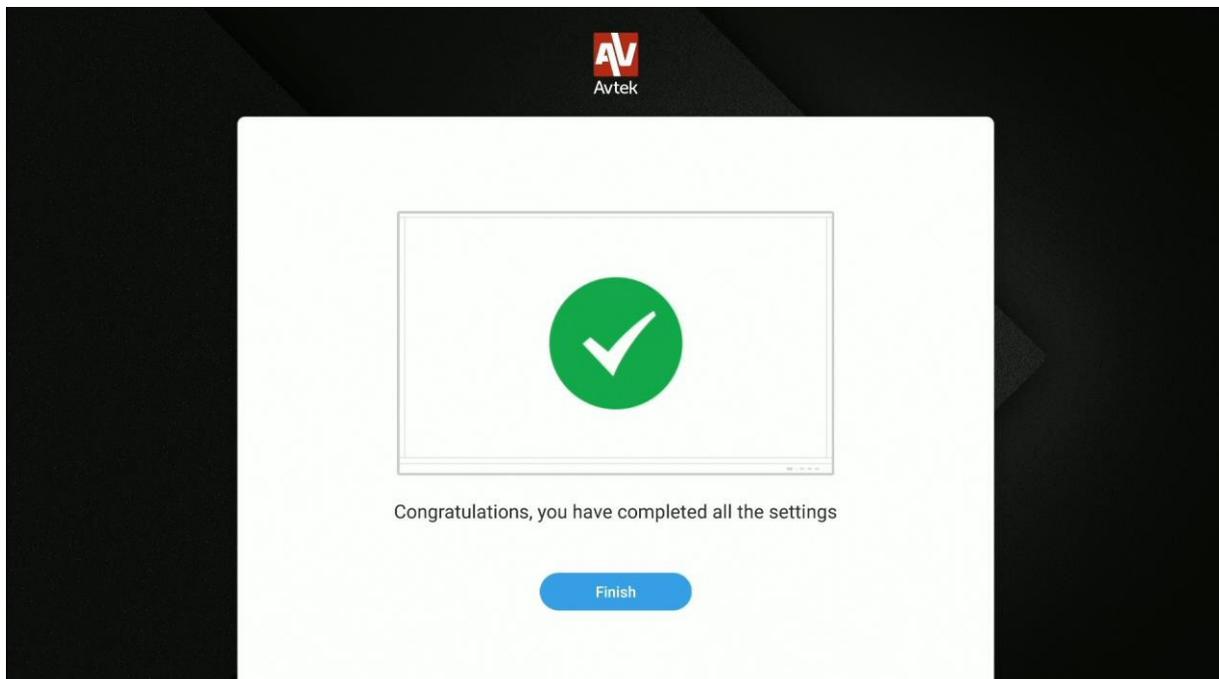
3. Configure the date and time of the device.



4. Name the device.

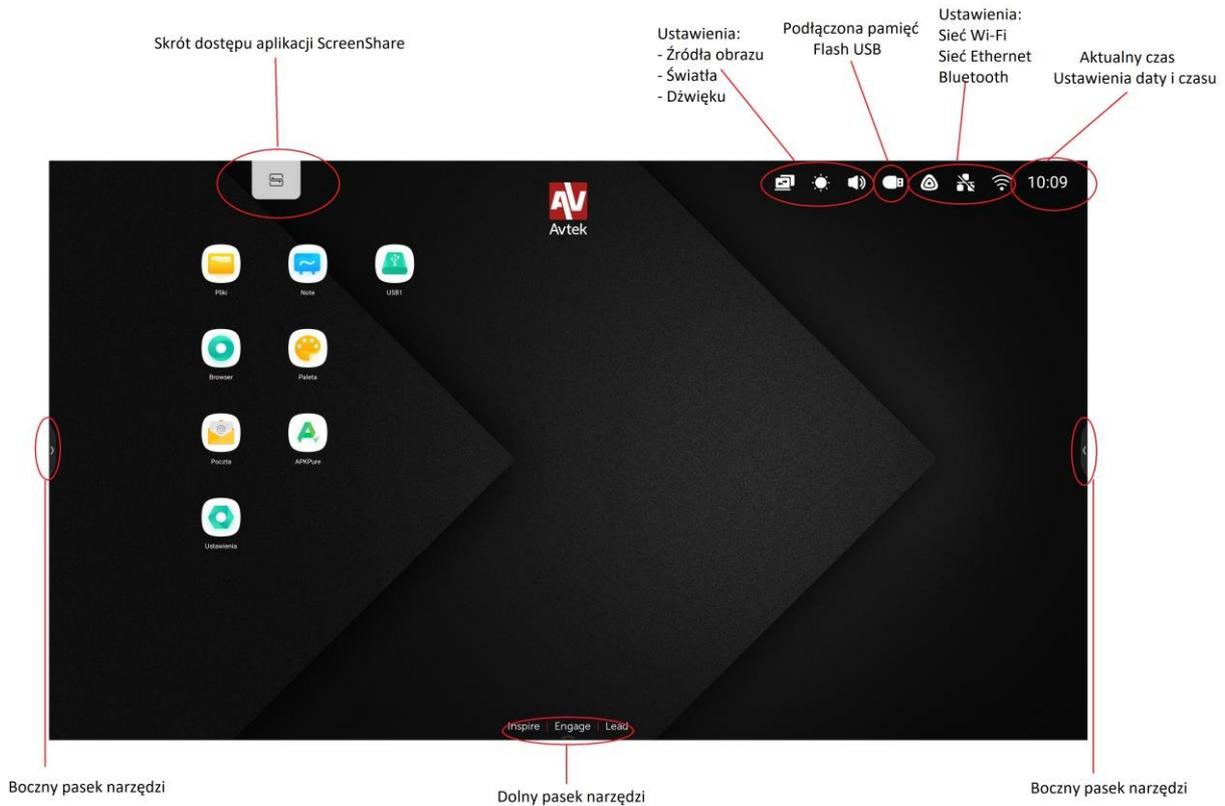


5. The device is now ready for use.



## Basic operation

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



To navigate the main menu:

- Touch the desired item.
- use the side toolbar.

## General settings

To open General Settings, tap and drag the bottom of the screen or select the icon from the top bar of the toolbar settings.





**Source selection:** all image sources are available on the main general settings screen. Active sources are marked with a blue icon ● . To change the source after  
Simply tap the desired icon.

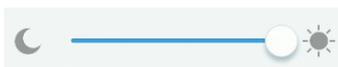
**NOTE:** the PC option is only available when the PC module is properly installed in the socket

**Eye Care function:** short wavelength blue light rays from displays can cause eye fatigue, retinal damage and affect vision over time. The Eye Care function was created to take care of your eyes by being able to  
Reduce the intensity of blue light.  
To enable the Eye Care function slide the switch to the right.

**Adjusting the volume:** to adjust the volume, touch and move the volume slider.



**Adjust brightness:** to adjust the brightness level of the display, touch and move the brightness slider.



### Side toolbar



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



### Basic functions

- to hide the toolbar press



- to go back to the previous screen or to cancel the action performed in the selected applications press 

\_ to return to the home screen press 

\_ to view all enabled applications, press 

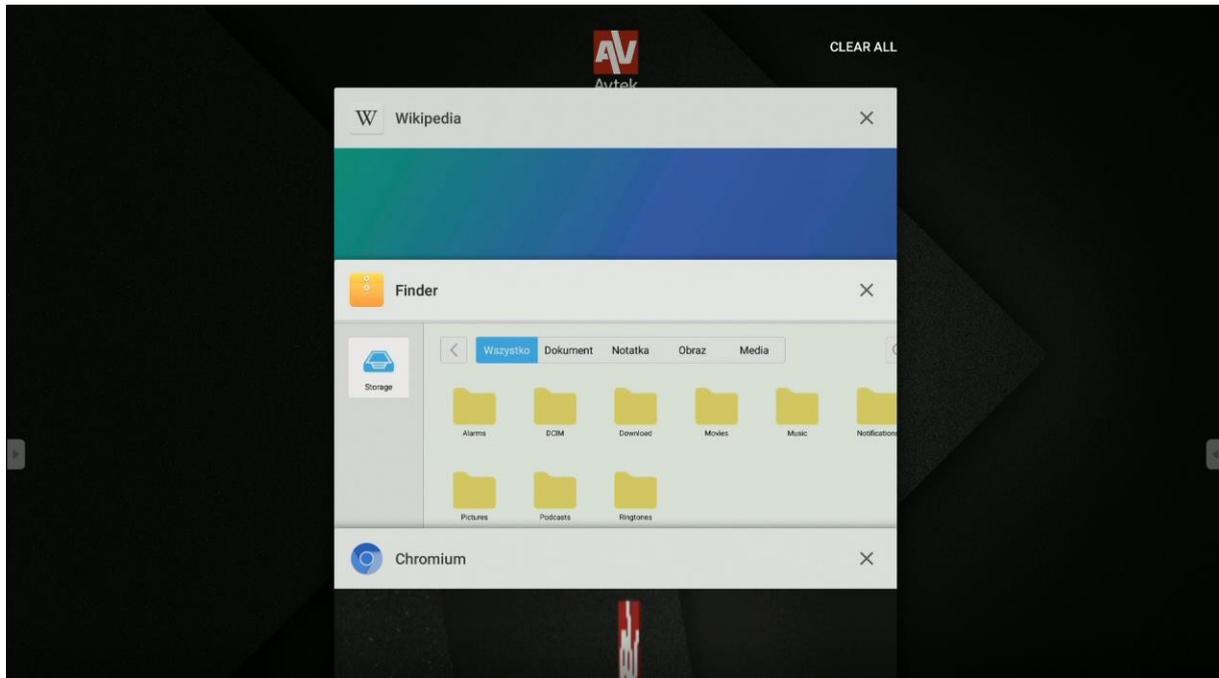
- to go directly to the Note application press 

- to open the menu of available applications, press 

\_ to open and personalize the menu of additional tools 

## Recent tasks

To view all applications running in the background, press 



- The list of applications is scrolled by touching and dragging up and down.

- To select an application, tap on it.

- To remove an application from the list (disable it), swipe left or right.

- To clear the entire list scroll up and tap the button.

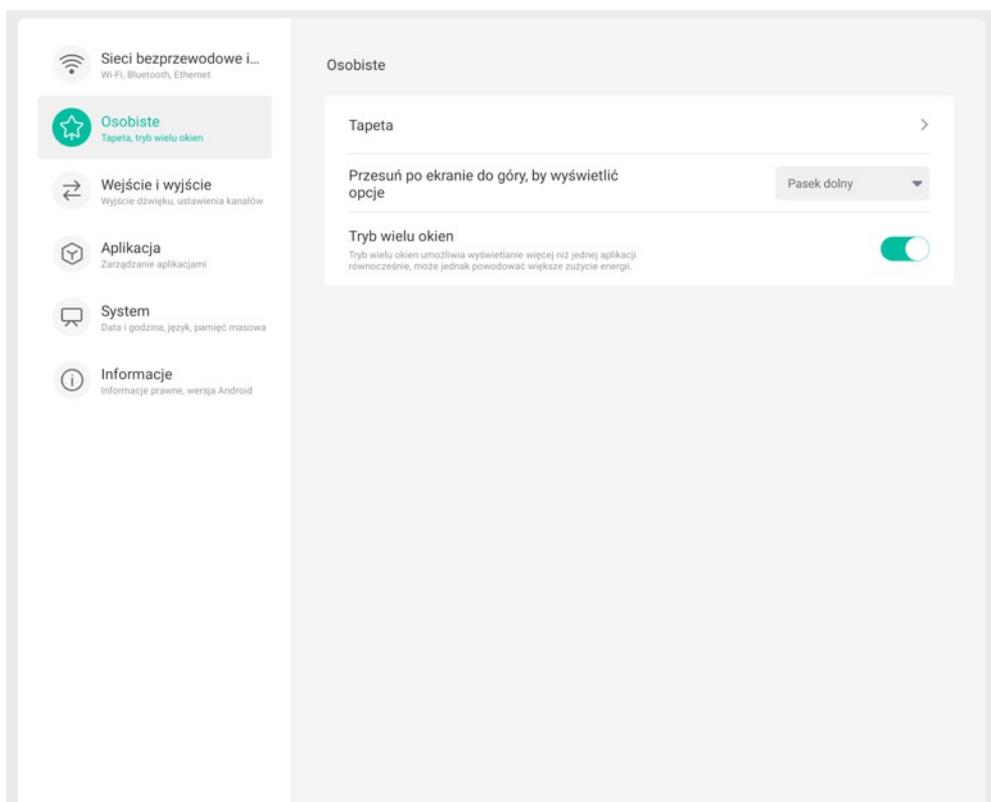
**CLEAR ALL**

## Split screen / multi-application mode

Multi-application mode is only available in Connect series displays, in the Lite series it is available to split the screen into 2 applications.

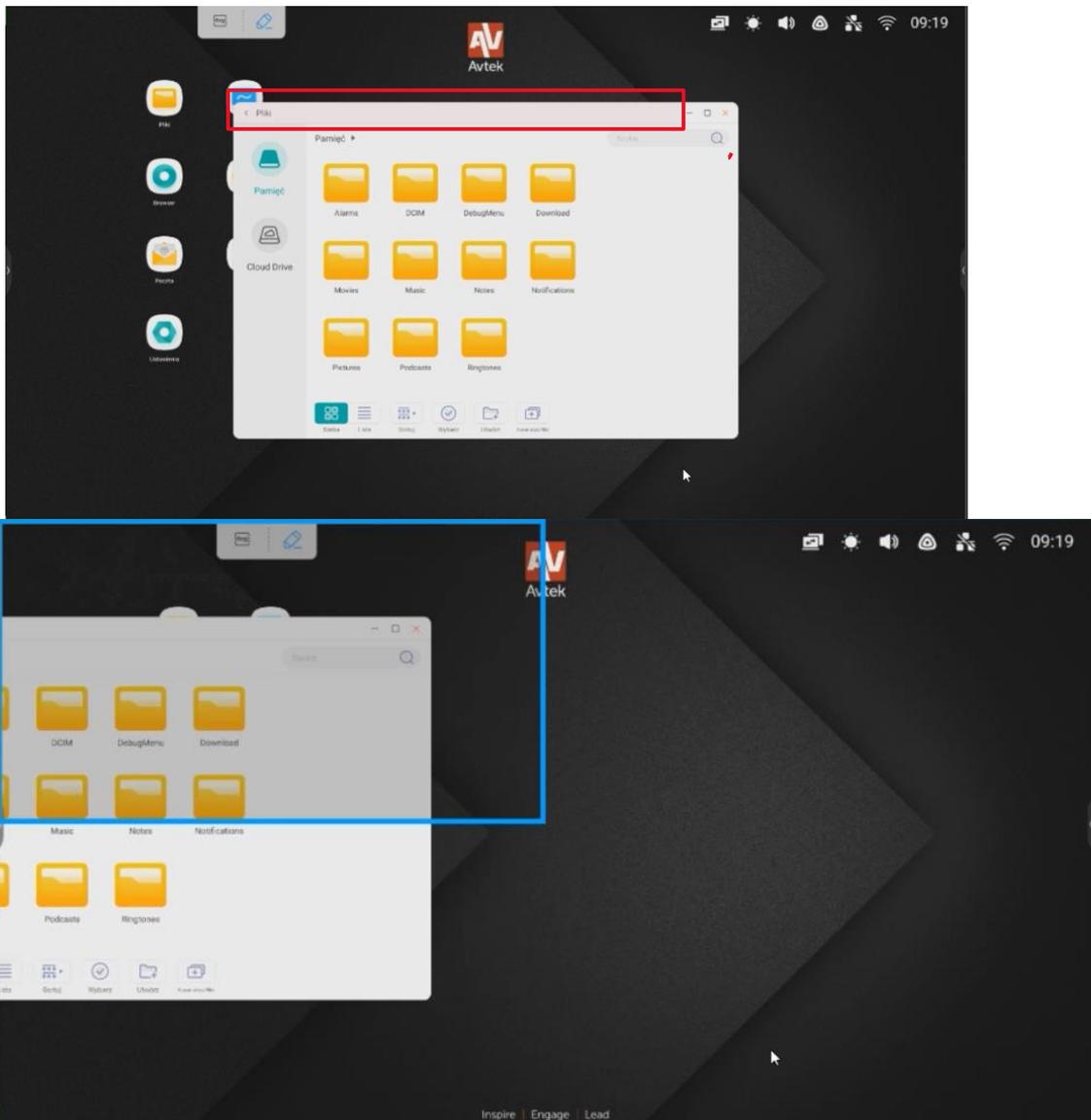
To display up to 4 applications simultaneously in windowed mode, you need to:

1. open settings  then under the personal tab, select Multiple Mode windows



2. After this step, restart the monitor.

3. After restarting, launch any application. After launching, press on the top edge of the application and hold down the



4. Drag the application to one of the highlighted blocks on the sides. Depending on the needs of use, you can display the application in the dimension of  $\frac{1}{4}$  of the display

Or expand the displayed application to ½ the size of the display

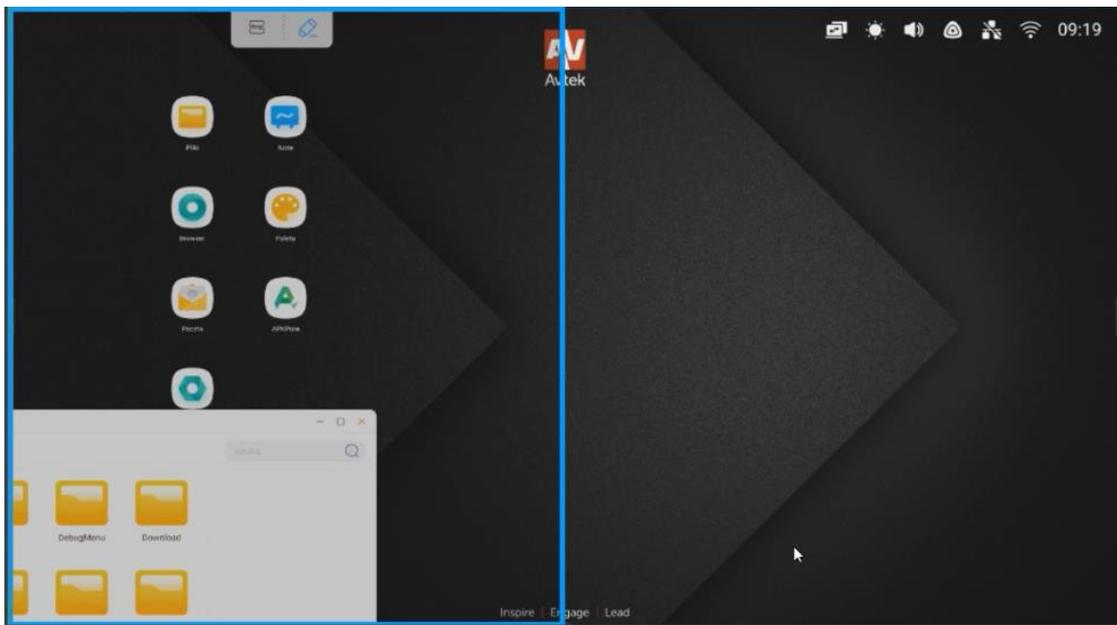
In this way, the Avtek UX 3.0 system allows you to run and display up to 4 applications simultaneously

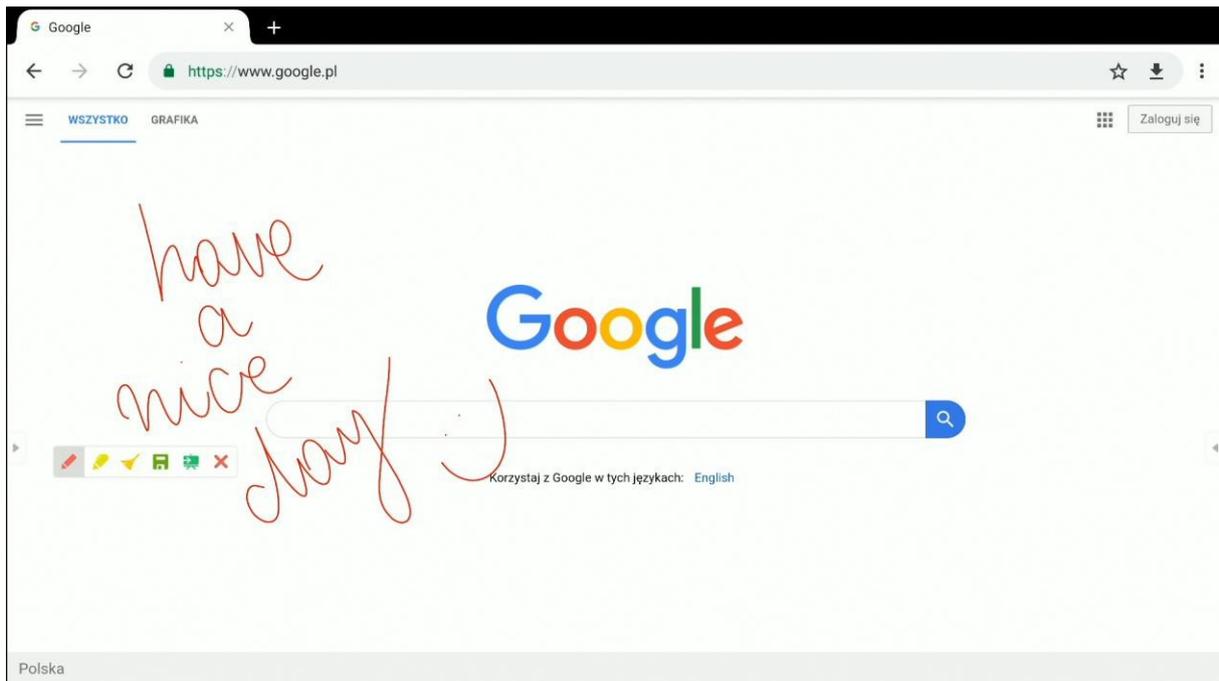
## Quotation menu



To open the quotation menu press.

Annotation tools allow you to take notes on any image from any source.





- Touch the pen icon to take notes on the screen. Touching the icon several times changes pen color.



- Touch the highlighter icon to write with a semi-transparent . Touch icon The color of the highlighter changes several times



**NOTE:** to erase notes, you can also put your whole hand on the screen which activates the eraser function.

\_ Tap the bucket icon to delete all created notes.



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



- Tap the Share icon to create a QR code containing the displayed content along with the notes.



-tap the cloud icon to send the displayed content along with your notes to disk in the cloud

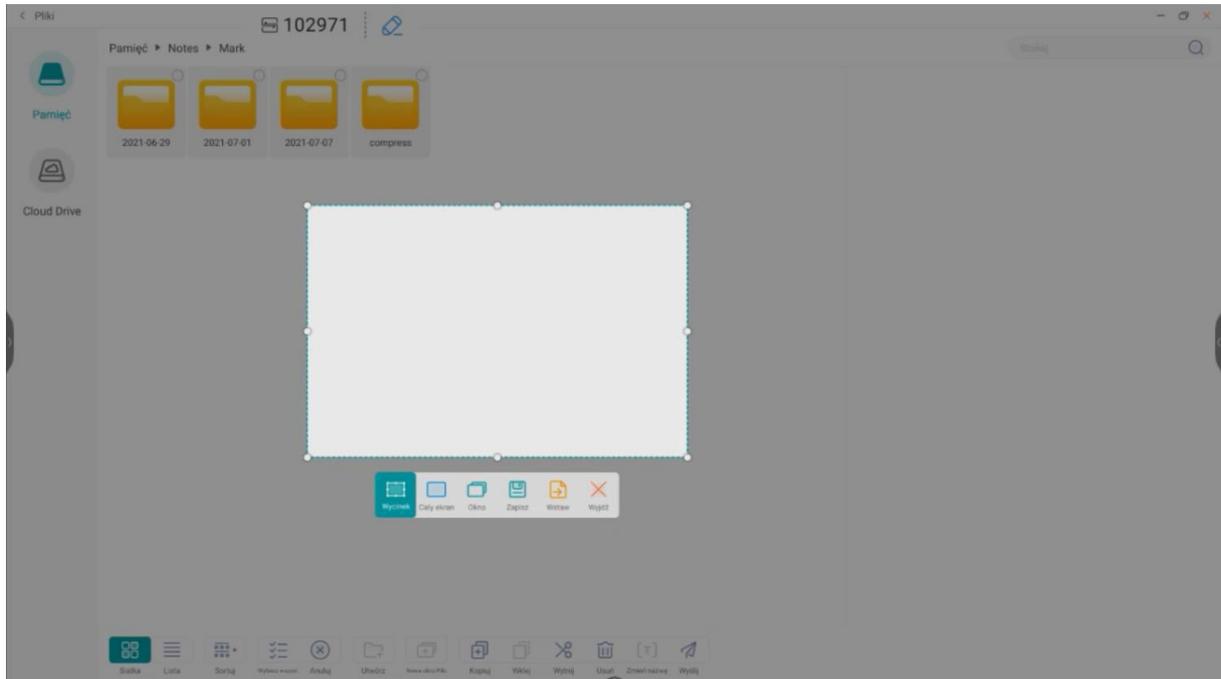


- Tap the icon X to disable the note-taking tool along with the notes.



## Screenshot menu

To open the screenshot menu, press

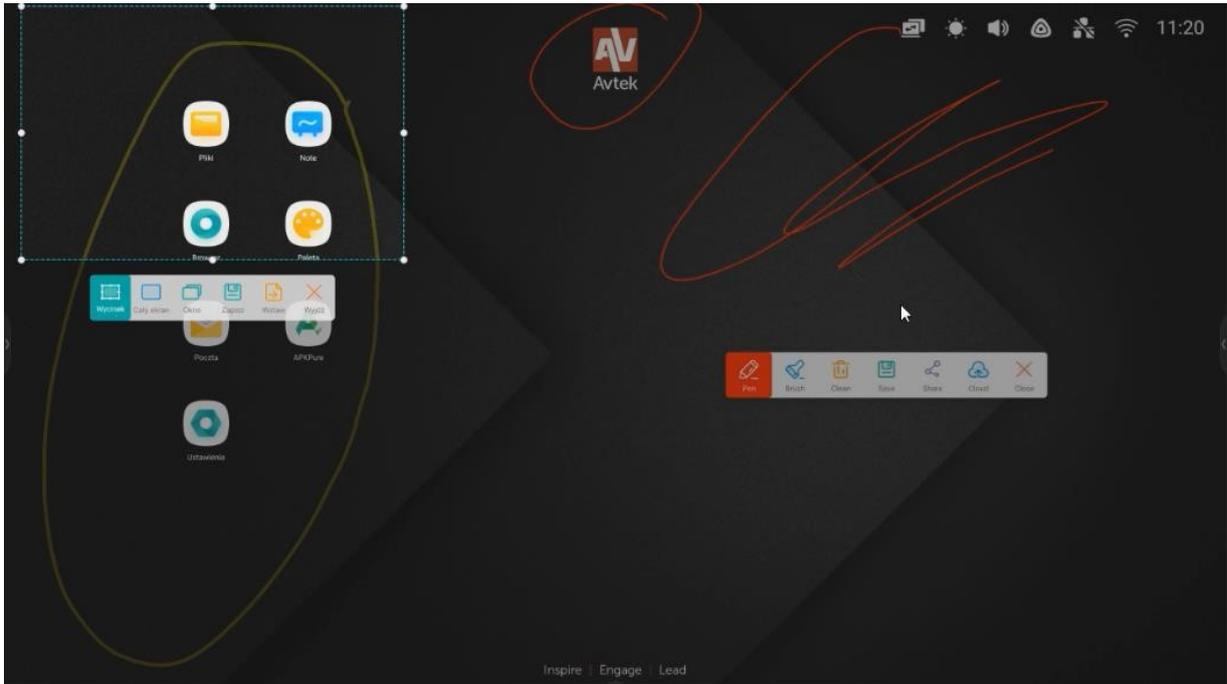


\_ Tap  icon to enlarge the screenshot area to the entire desktop. **NOTE:** to adjust the area according to your preference, press, hold and drag the white icons 

- tap the icon  to apply the screenshot area to the selected application
- Tap the icon  icon to save the selected section as a PNG file.
- Touch the icon  icon to send the selected passage to the Note application.
- Tap the icon  icon to exit the screenshot menu.

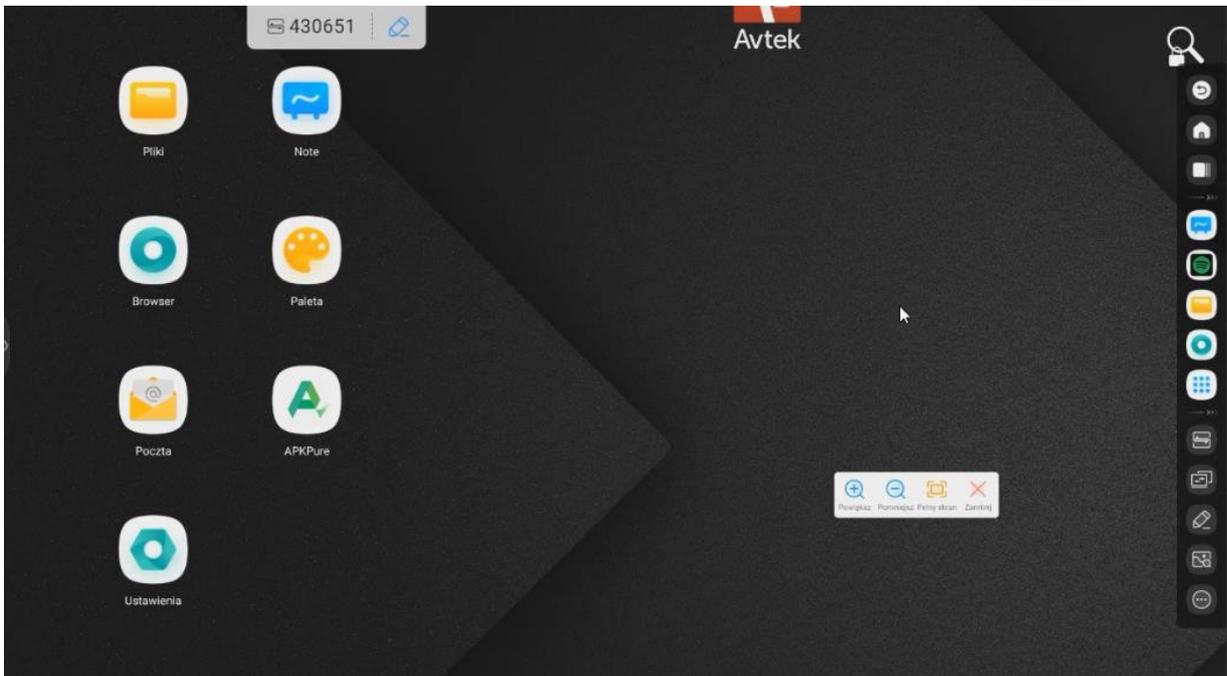
**NOTE:** it is possible to take a snapshot of the portion of the screen on which the notes are on created through the quotation menu. To do this, you must first turn on and use the

from the quotation menu and then slide out the side toolbar once more and select the screenshot menu.



### Freeze / zoom function

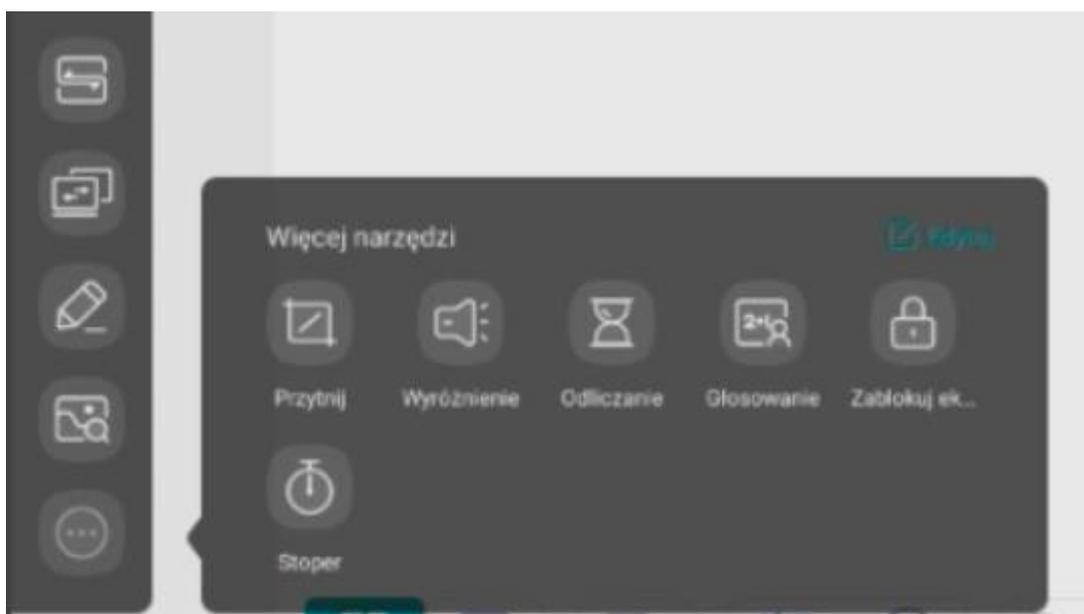
To freeze the image and to zoom in on the selected portion of the image, p 



- Touch the icon to zoom in on the image.
- Touch the icon  icon to zoom out the image.
- Touch the icon  icon to restore the screen to its original scale.
- Touch the  icon to disable the freeze/zoom function.

## Other tools

To open a menu of additional tools select



- Touch  icon to activate the spotlight function. This function can be used to focus the listeners' attention on a selected part of the screen.
- Touch the icon  icon to enable the timer function.
- Touch the icon  icon to enable the stopwatch function.
- Touch the icon  icon to enable the voting/air class function.
- tap the icon  to lock the screen
- tap the icon  to change the image source

To manage the appearance of the toolbar, press and hold the icon of any tool, then you will be able to edit the toolbar. By pressing the + button

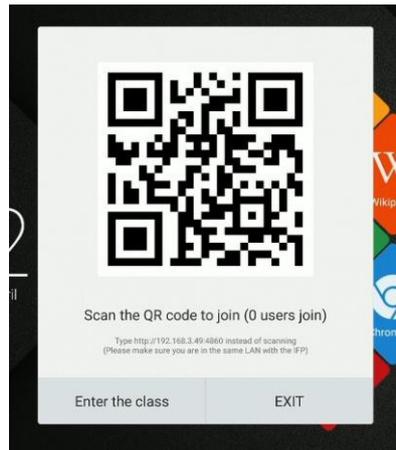


you add another tool to bar.

With the - button you remove a tool from the sidebar.

### Voting/air class function

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



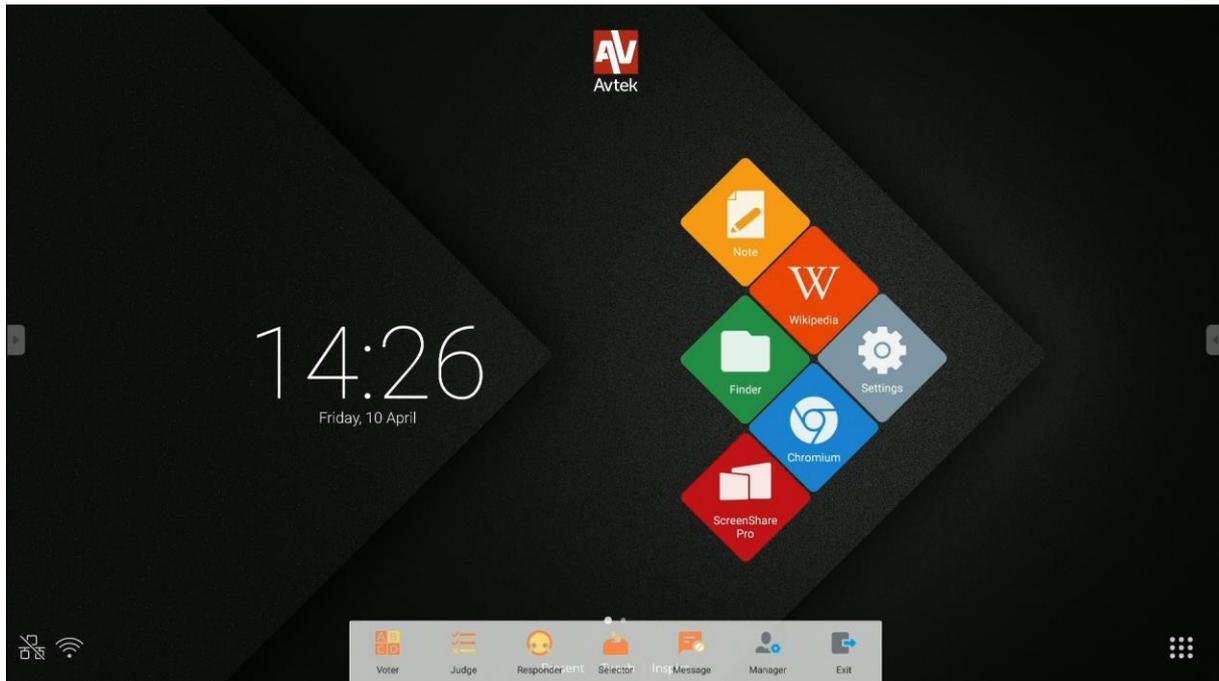
To use the tool you need to:

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

**NOTE:** *all devices must be on the same WiFi network!*

3. Scan the QR code or transcribe the address displayed below it into your browser  
Internet, in the latest version you can skip this step by going to the  
website <http://class.ifpshare.com> and enter the code shown on the monitor screen
4. He will enter his name and press Enter to join the class.
5. On the interactive monitor, press Enter to start the session.

**NOTE:** the voting function is for answers only. Questions can be asked, for example, as slides in the Note app, notes on pictures, or verbally.

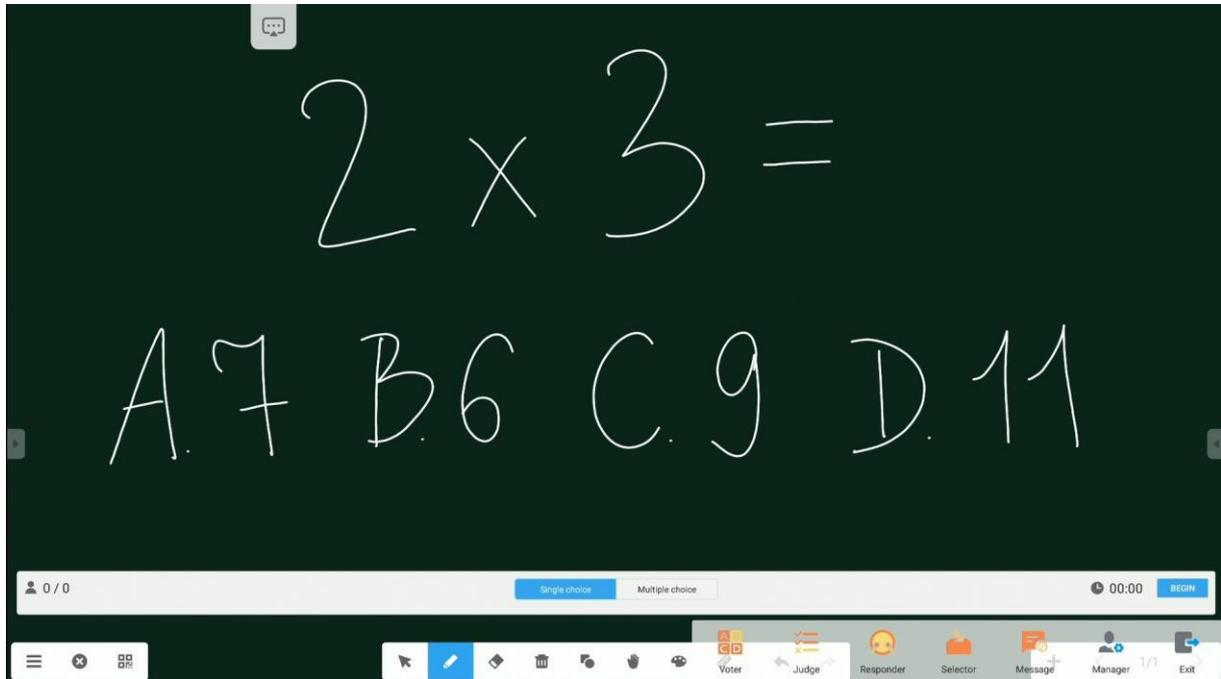


The tool has the following functions:

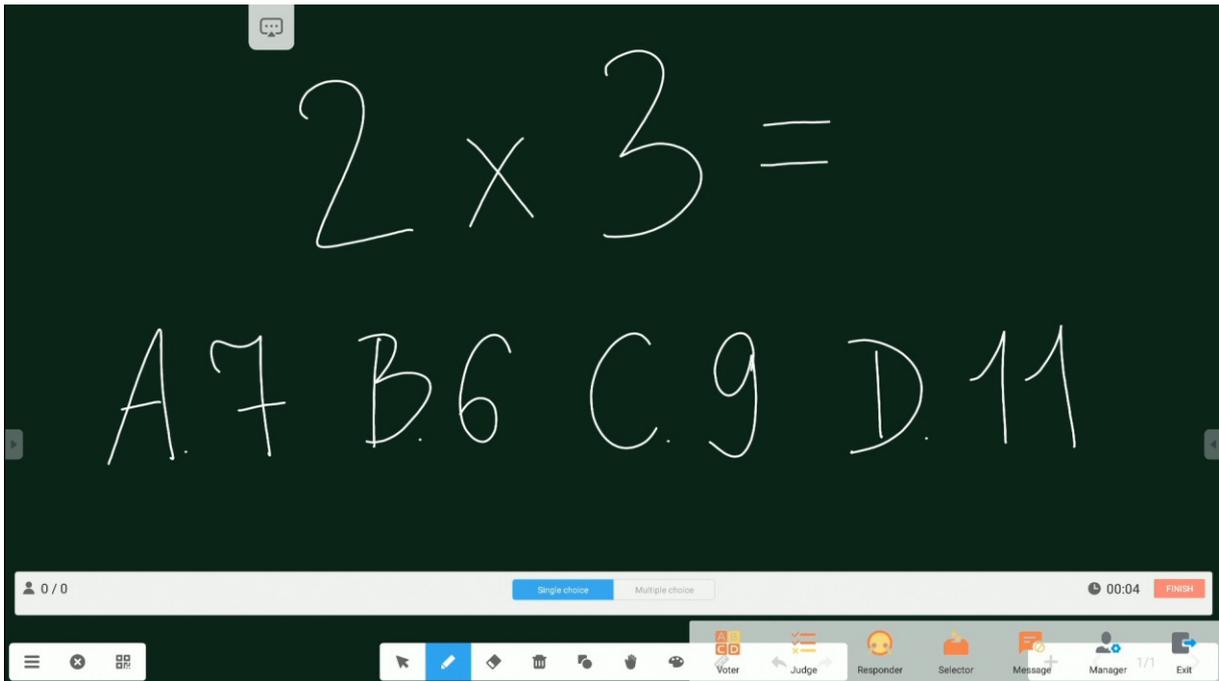
-  Voting, with a choice between a single-choice question  
Choice and multiple .
-  Who's first? - indicates the first person who reports through his device.
-  Drawing - selecting a random person among those logged in. You can also  
select several people at once.
-  Enables/disables participants to send comments.
-  enables:
  - Redisplay the QR code.
-  - output from the voting tool.

## Voting

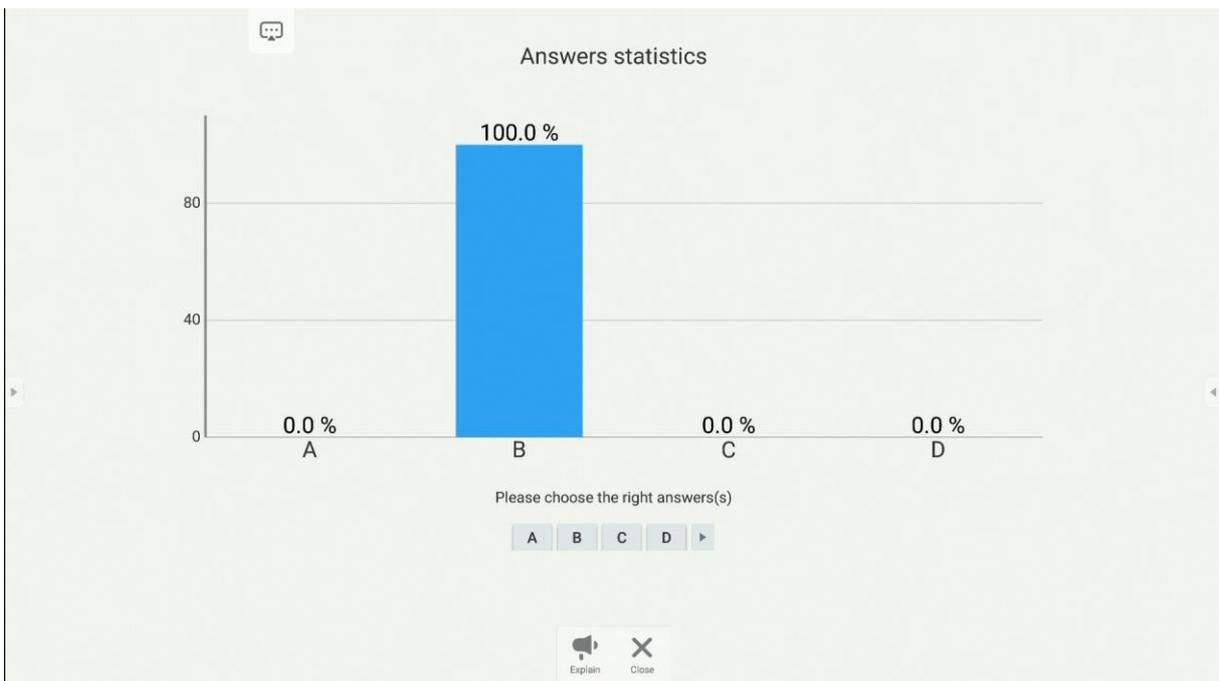
For example: Question asked in Note app, answer mode is voting single-choice.



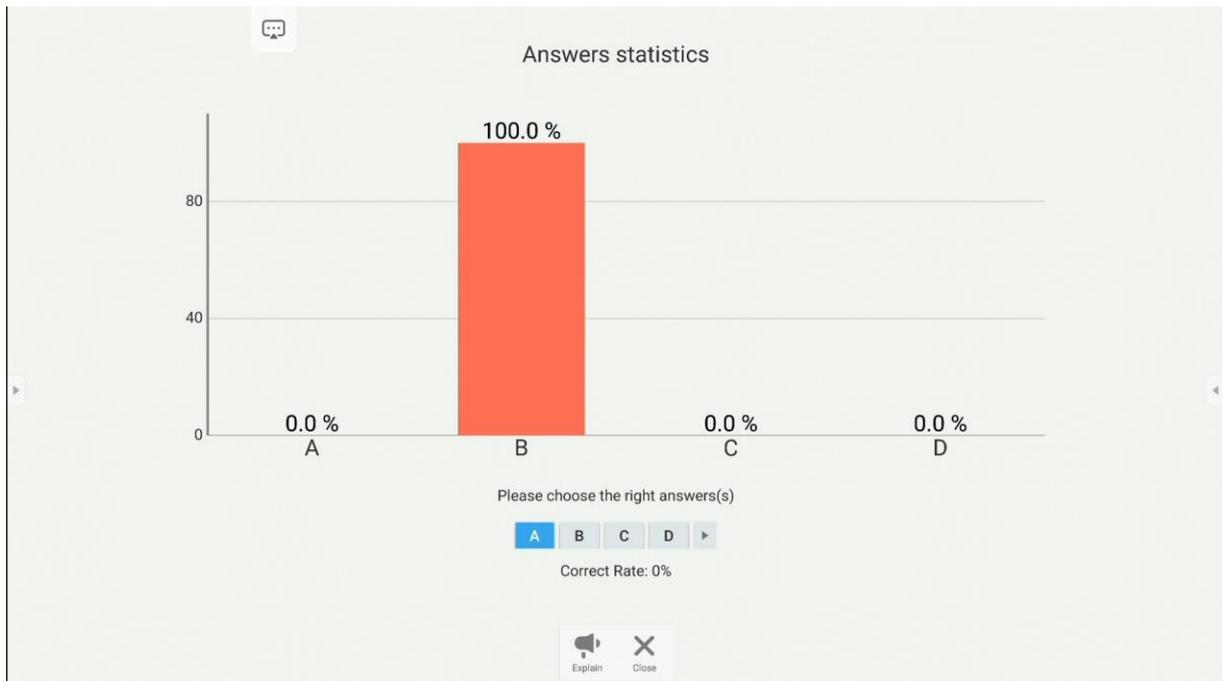
1. To start accepting responses (votes) from participants, click "Start." The names of the participants who send their answer (voice) will appear as blue icons in the list.



2. Click "Finish" to complete the collection of responses. Displayed response statistics screen will be displayed.



3. Here you can also indicate the correct answer.



4. Clicking on the "Explain" button  will return to the whiteboard. Participants will still have a preview of their answers while following the explanations presented on it by the presenter.

$2 \times 3 =$

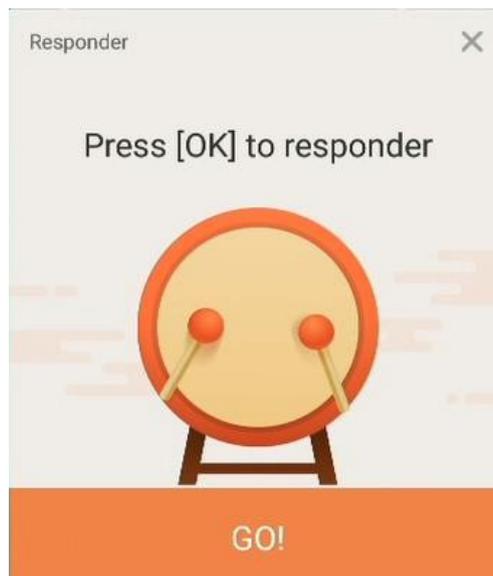
A.7 B.6 C.9 D.11

Answers statistics

Option	Percentage
A	0.0%
B	100.0%
C	0.0%
D	0.0%

Voter Judge Responder Selector Message Manager Exit

### *First come, first served*

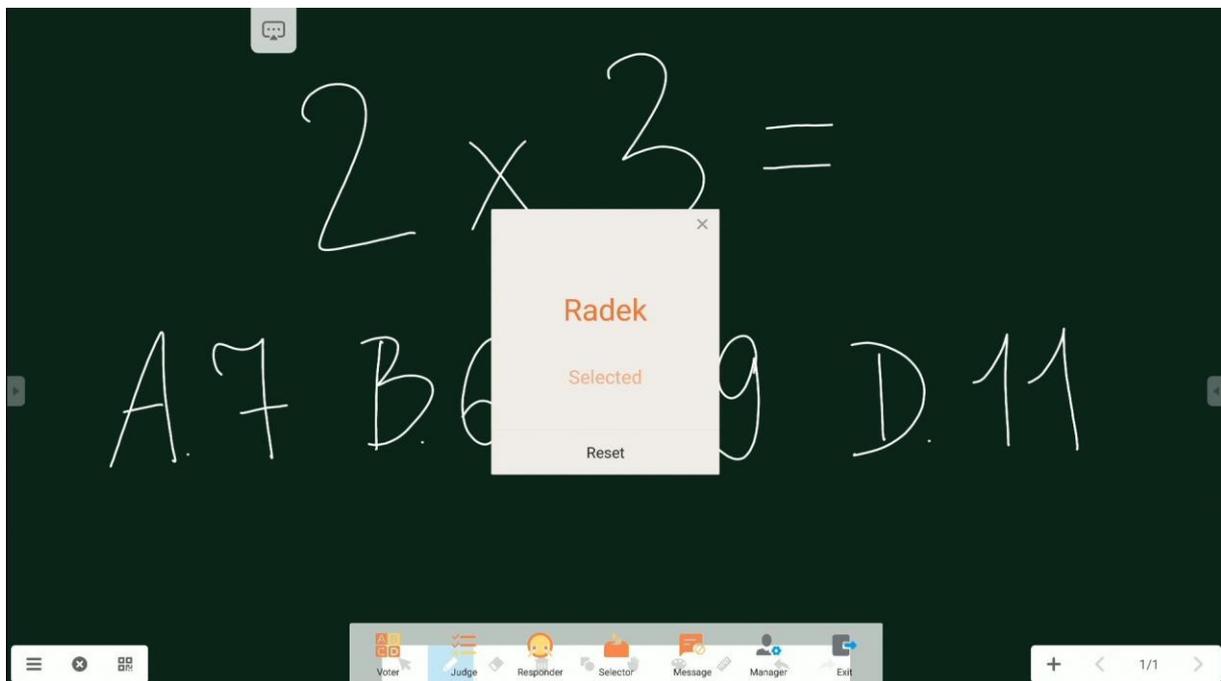
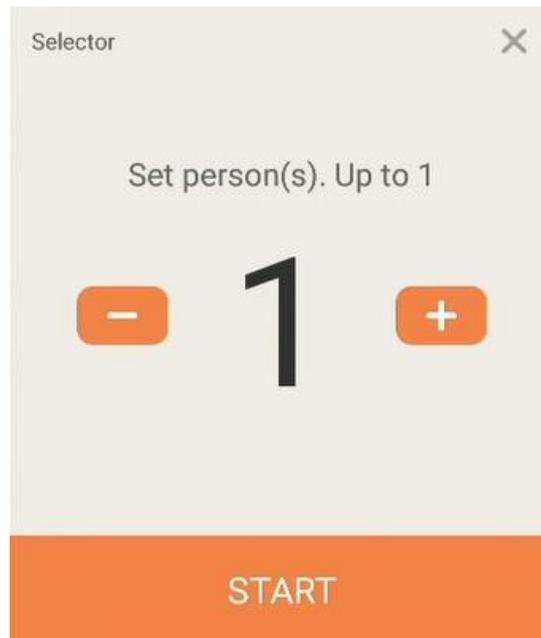


The first participant who submits an answer wins, and his name will be displayed On screen.

This function can be used, for example, when reporting an answer or a quiz On Reflex.

### *Drawing*

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



### Comments

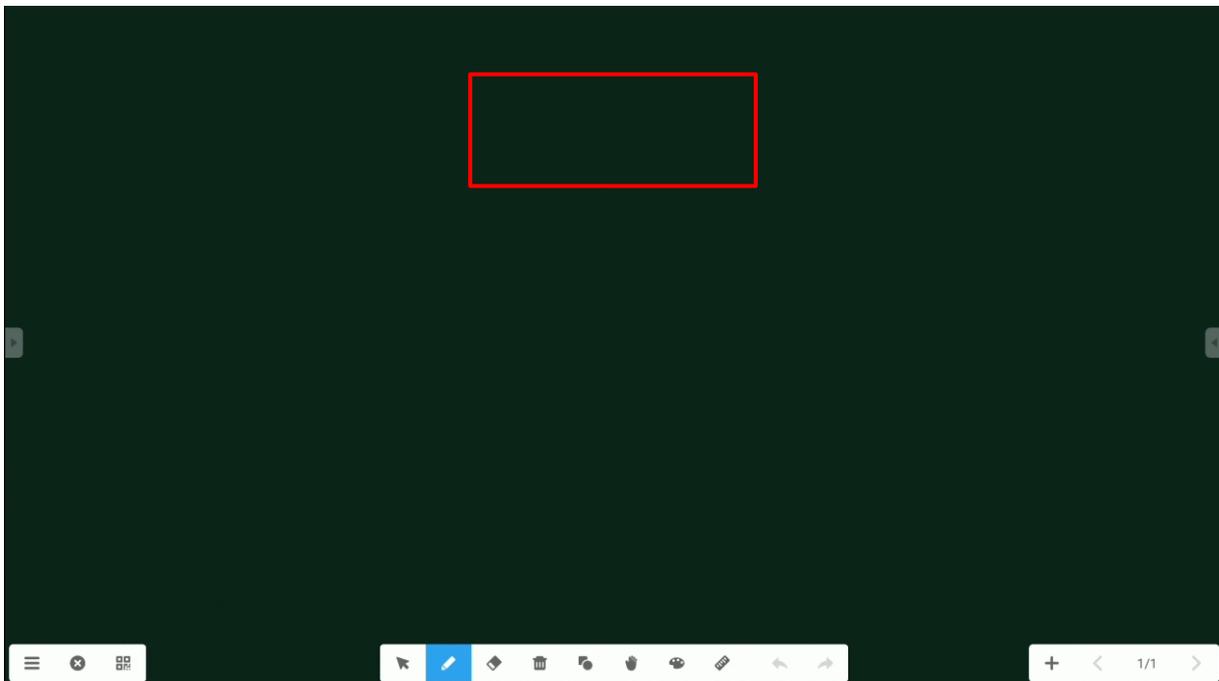
Participants have the option to send text comments, which will appear on the monitor screen.

## Note - note-taking application

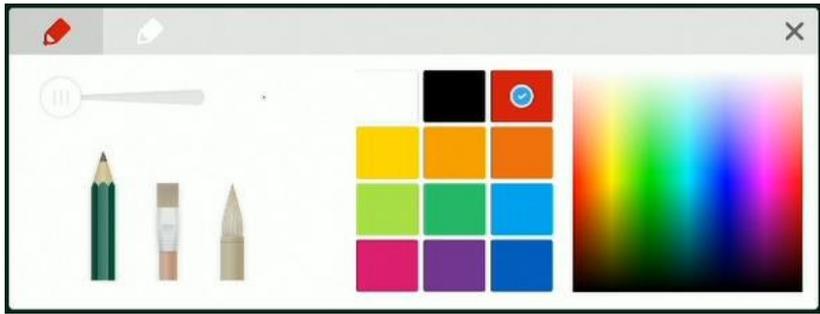
Press the icon  icon to launch the Note application.

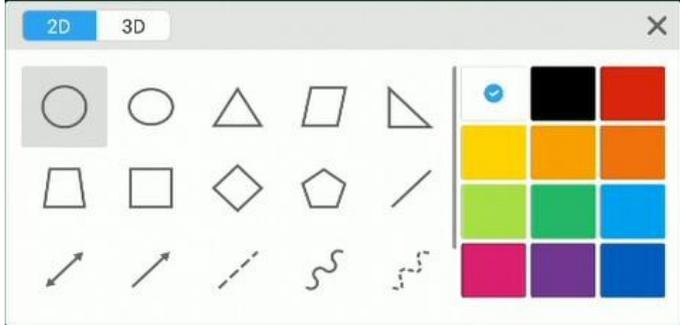
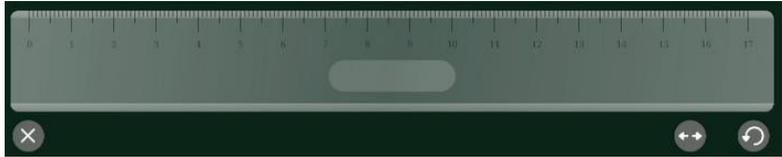
This application is a virtual whiteboard where you can write, draw and also take notes on the inserted images.

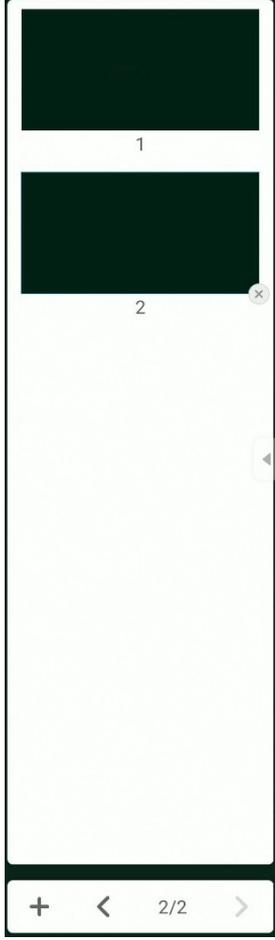
### Basic operation



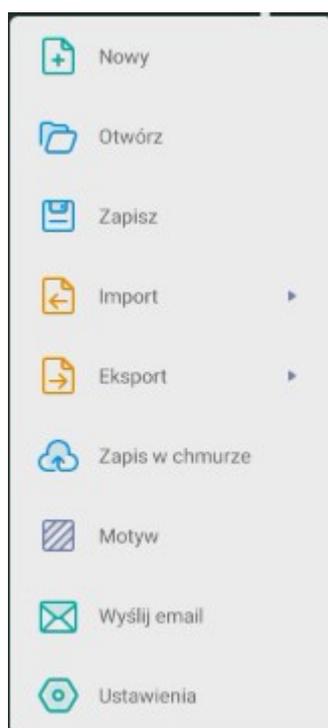
Icon	Name	Function
	Menu	Opens a tab with more features.
	Exit	Disables the Note application.
	QR code	Provides a QR code through which participants can download the all the notes on your devices.

		 <p><b>NOTE:</b> <i>the devices and the monitor must be in the same WiFi networks.</i></p> <p><b>NOTE:</b> <i>clicking on the QR code enlarges it allowing it to be scanned from a greater distance.</i></p>
	<p>Cursor</p>	<p>The cursor allows you to select and move objects on the board.</p>
	<p>Pen</p>	<p>The pen allows you to write and draw on the board.</p> <p>Tap a second time to select the type, thickness and color of the pen.</p>  <p>Depending on the monitor model, it is also possible to set different pen type, thickness and color for the included thick and thin pens tip.</p>
	<p>Eraser</p>	<p>Allows you to delete notes and objects.</p> <p><b>NOTE:</b> <i>it is also possible to erase notes (but not objects) by applying the whole hand to the screen.</i></p>

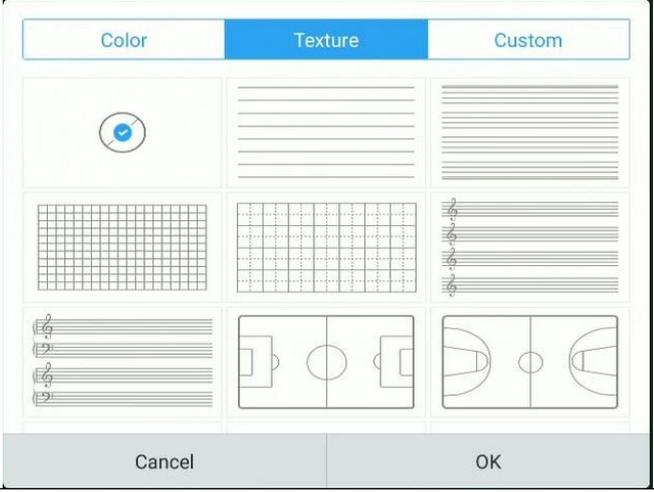
	Clean	Clears the entire sheet visible on the monitor screen
	Shape	<p>Drawing objects.</p> <p>Touch a second time to select the type and color of the drawn object.</p> 
	Preview	The palm function allows you to move the entire page and zooming in and out of the view.
	Ruler	<p>Allows the insertion of mathematical tools: ruler, two types of eccentric and protractor.</p> 
	Undo	Reverses the last change.
	Renew	Cancels the last reversal.
	Table	Allows you to insert a table
	Note	Allows you to add a note using the keyboard screen
	Grid	Allows you to add a handwritten note
	Add website	Allows you to add another page.
	Page in rear	Takes you back to the previous page.

	Page to front	Opens the next page.
	Page counter	<p>The indicator shows how many pages are open and which one we are currently on.</p> <p>When clicked, it displays a menu with a preview of each page.</p> 

## Menu



Icon	Name	Function
 Nowy	New	Opens a new document.
 Otwórz	Open	Allows you to open an already existing Document.
 Zapisz	Save	Saves the created project
 Import	Import	Allows you to import another file into the page. You can embed graphic, PDF and SVG files. 
 Eksport	Export	Allows export of notes to others formats.

			
 Zapis w chmurze	Cloud	<p>Allows you to send notes to the cloud. Read more about this tool under Cloud Drive.</p>	
 Motyw	Background	<p>It allows you to change the background - color, pattern and also add any of your own images as a background.</p> 	
 Wyślij email	Send email	<p>Allows you to send your project using emails</p>	
 Ustawienia	Settings	<p>Using the settings, we can personalize additional options, for example, brightness when using the application or block typing 2 pens at a time</p>	

## System settings

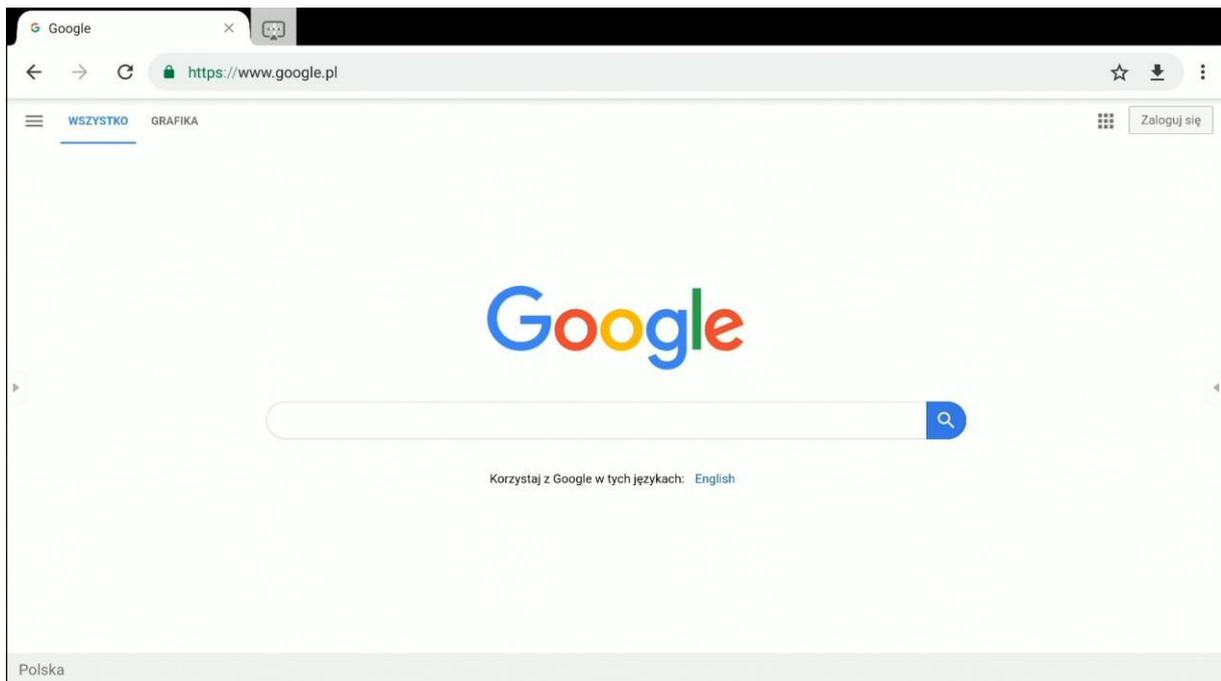
To open System Settings, click the icon



Icon		Function
	Wireless network and Ethernet	Configure wireless network settings, Ethernet, Hotspot, Bluetooth and VPN
	Personal	Wallpaper configuration, multi-window mode support and personalization
	Input and output	Sound settings, peripherals and external audio and video sources
	Application	Application management center
	System	Basic device settings, language settings, date and time, updates system, security settings
	Information	Contains basic information about the device

## Web browser

To open a web browser, click the icon



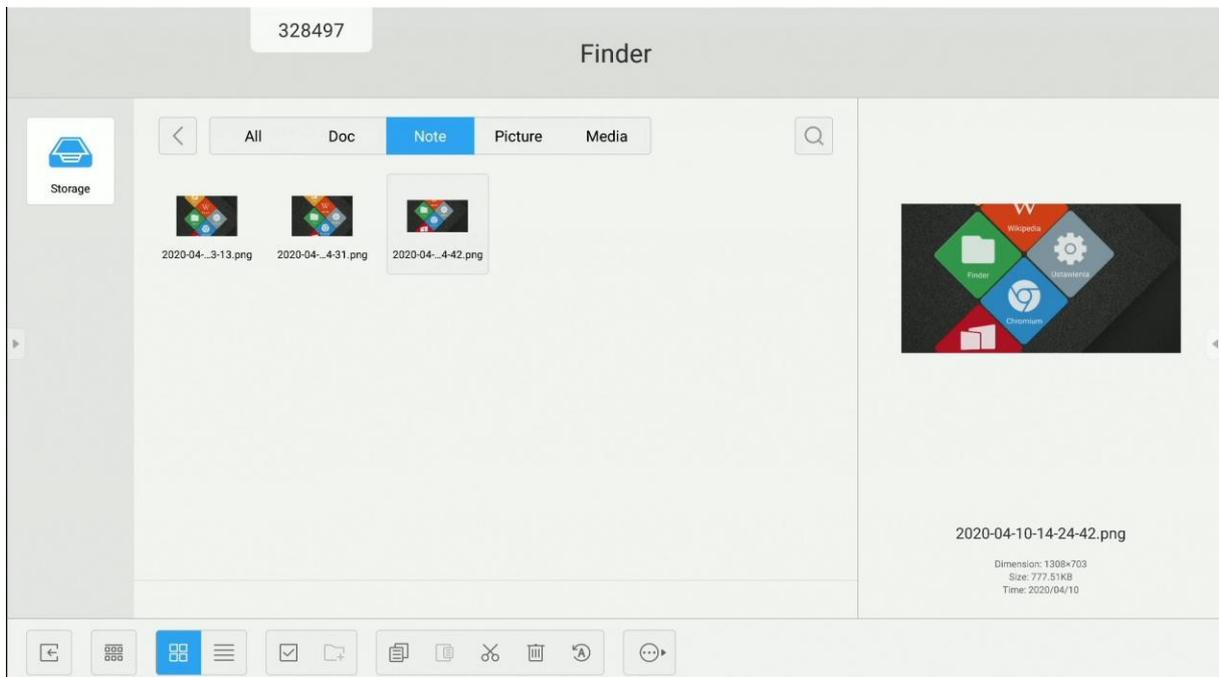
## Finder - file manager

### Basic operation

To open the Finder application, click the icon



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



Icon	Name	Function
------	------	----------

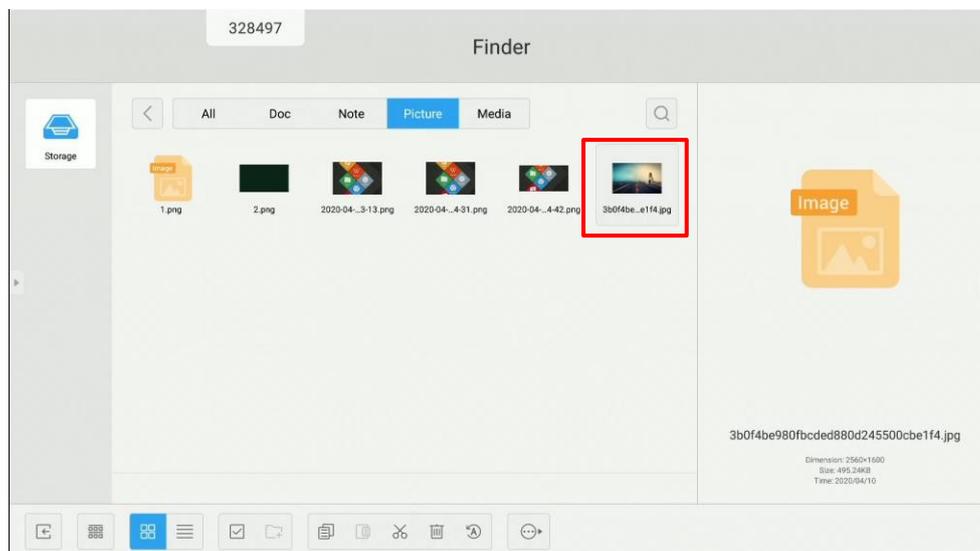
	Exit	Closes the Finder application.
	Sort	Selection of sorting type.
	Miniatures	Display as thumbnails.
	List	Display as a list.
	Choose	Enable multiple object selection mode.
	New folder	Create a new folder.
	Copy	Copy the selected object.
	Paste	Paste the object from the clipboard.
	Cut out	Cut out the selected object.
	Delete	Delete the selected object.
	Change name	Rename the selected file/folder.
	Share	Share the selected file: - to a plugged-in USB memory stick - via QR code



## Changing / setting the wallpaper

To change the wallpaper in the interactive monitor, you must first prepare the image that will be the new wallpaper. Such a file can be, for example, downloaded from the Internet or prepared on a USB drive.

1. Select the file that will be set as the new wallpaper and double-click it so that it is displayed in a new window.



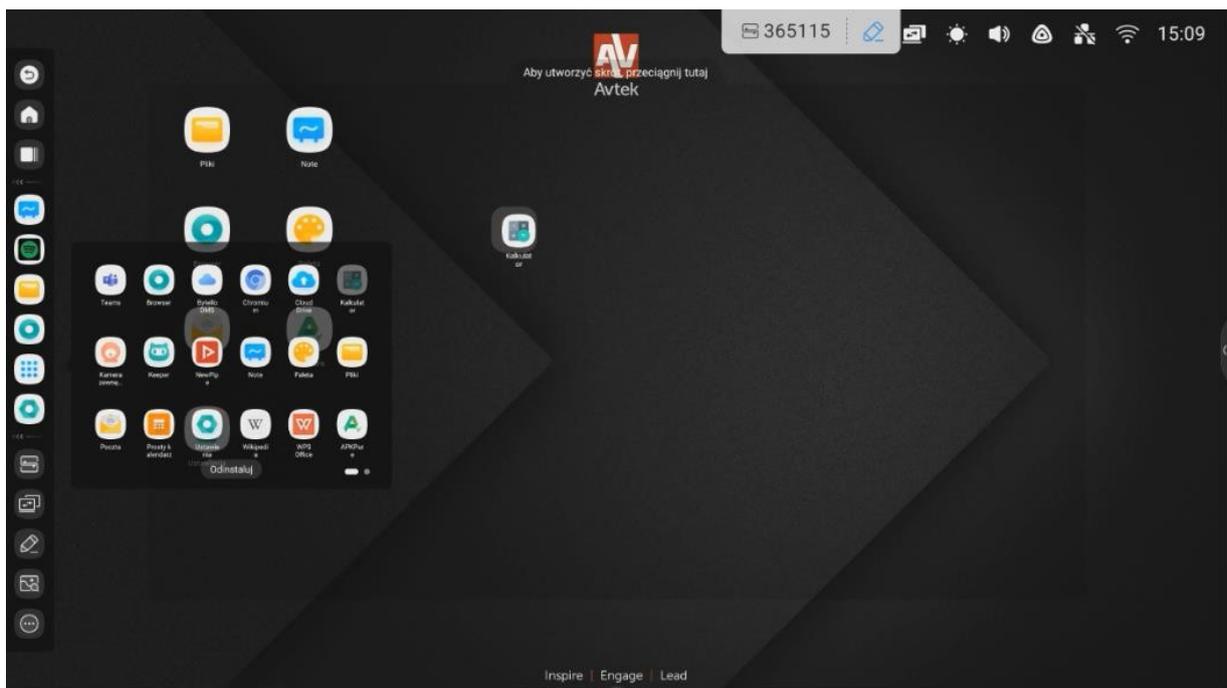
2. Press the Wallpaper button .
3. Select Set as wallpaper.

## Dashboard settings

### Widgets

You can add application shortcuts and widgets to desktops. To add widgets to the desktop you need to:

1. Press and hold the application selected from the sidebar
2. Move applications to the home page of the monitor



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

## Screenshare Pro

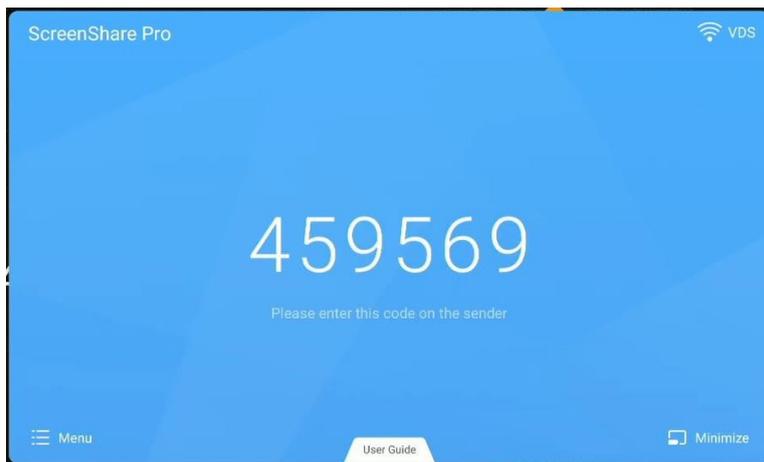
ScreenShare Pro is a wireless image transfer application. It allows you to display content from mobile devices and computers on an interactive monitor via a WiFi connection.

### NOTES:

- *The devices must be on the same WiFi network.*
- *Make sure you have an Internet connection. A high-speed Internet connection guarantees fast operation of the image transfer function.*



To enable the application, press the icon



*Compatible operating systems:*

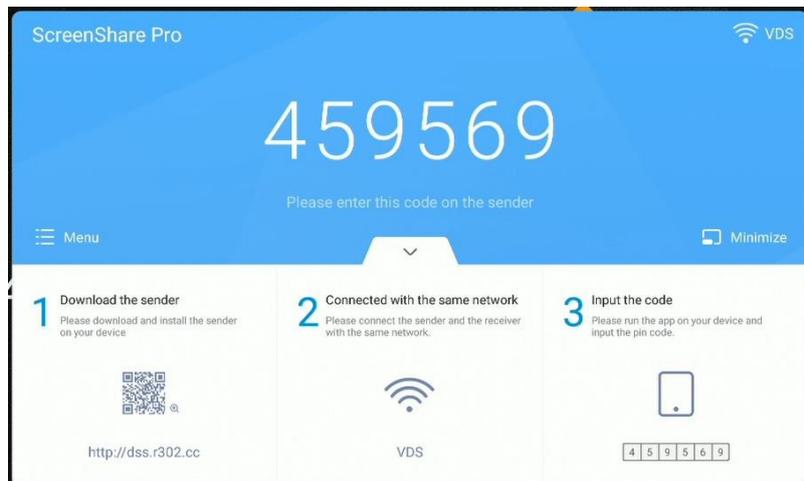
- Windows 7, 8, 10
- MAC OSX 10.8 or later
- iPhone iOS 9.0 or later
- Android 5.0 or later

*Mobile devices*

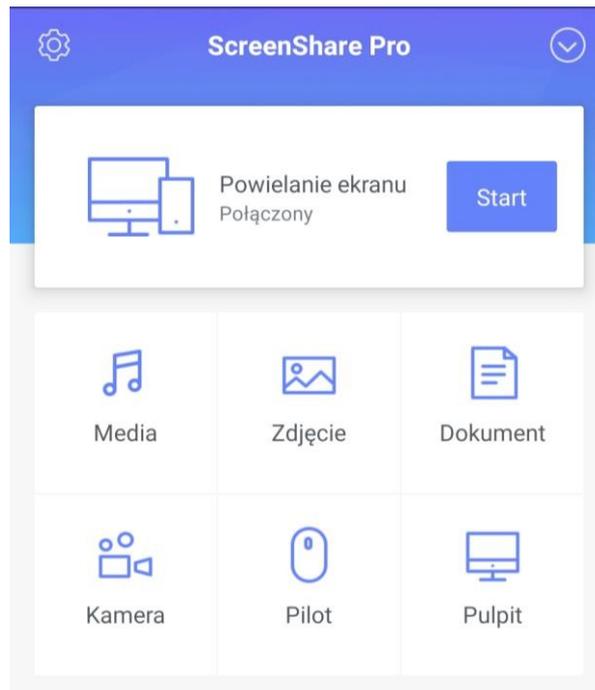
1. Download the ScreenShare Pro app.

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

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



2. Transcribe the code displayed on the monitor into the application to connect to the monitor.



- click  icon because you want to start uploading video from your device mobile to monitor.

**NOTE:** *four people at the same time can transmit images 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 cached before displaying.

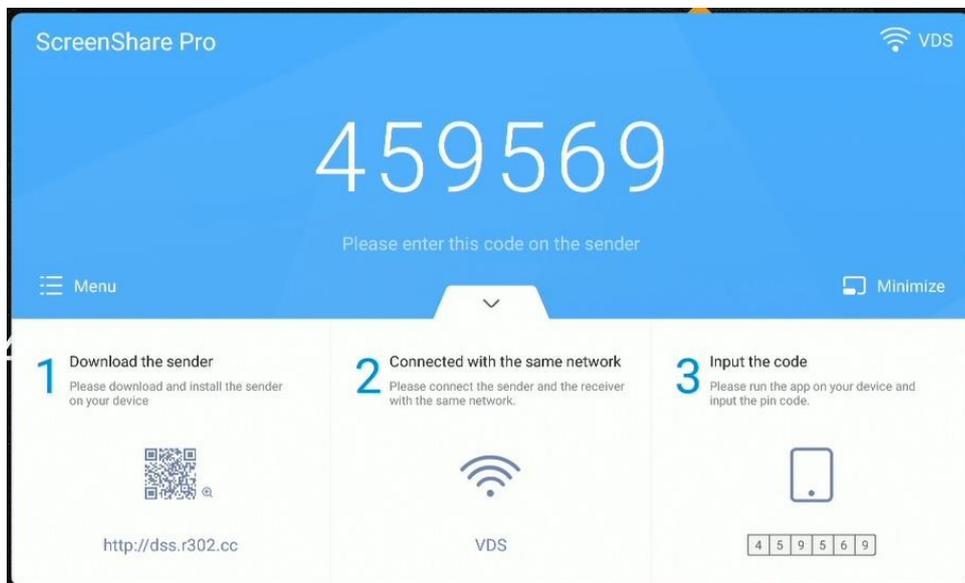
- to enable the camera image transfer mode click the icon  . This mode allows you to choose between quality and smoothness of transmission, and lets you freeze the image of interest.

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

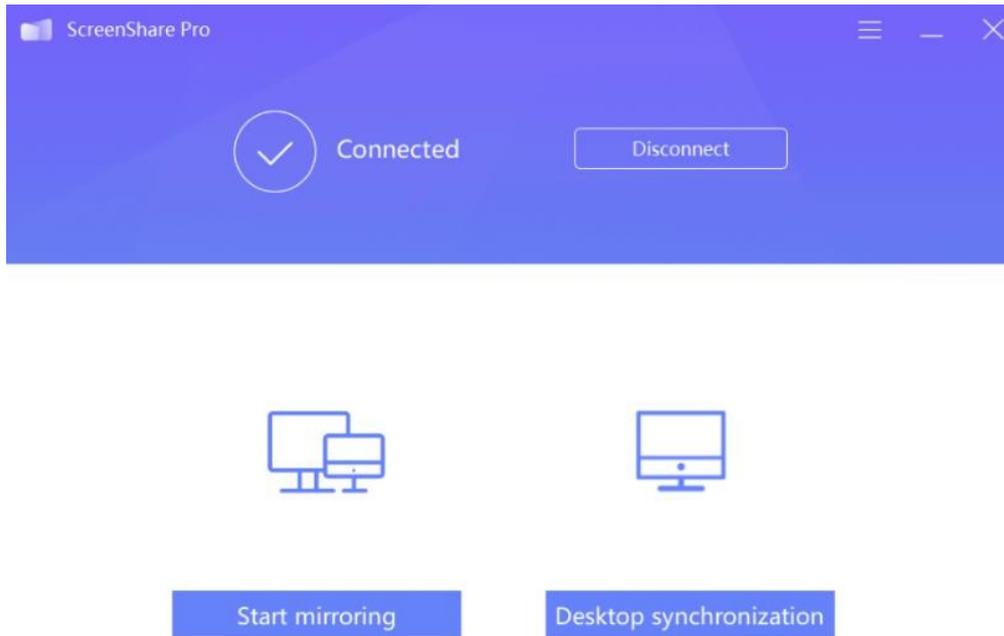
- click  to transfer the image from your monitor to your phone along with the ability to touch control.

### Computer

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



2. Transcribe the code displayed on the monitor into the application to connect to the monitor.



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

## Using the application

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

*Installed applications may not work properly. The monitor manufacturer does not guarantee the correct operation of any application installed by the user himself.*

To access the other applications, select the one on the sidebar icon.



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

It may be necessary to unlock the installation from unknown sources. To do this, use the remote control with the INPUT-1-3-7-9 key combination to launch an additional menu, There, go to the Android page and set "Install unknown sources" to ON.

## Calculator



To enable the calculator, select the icon.

## Calendar



To enable the calendar, select the icon.

## Palette

allows you to replicate brush and crayon drawing and hand blending colors.

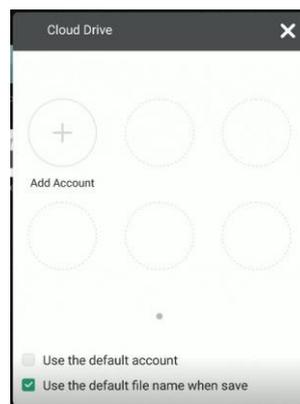


## Cloud drive

To enable the Cloud Drive application, click the icon.



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

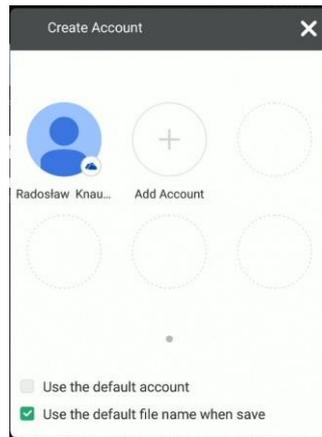


To use the application:

1. Click Add Account
2. Choose a cloud service: Google Drive or OneDrive

**NOTE:** *an Internet connection is required.*

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

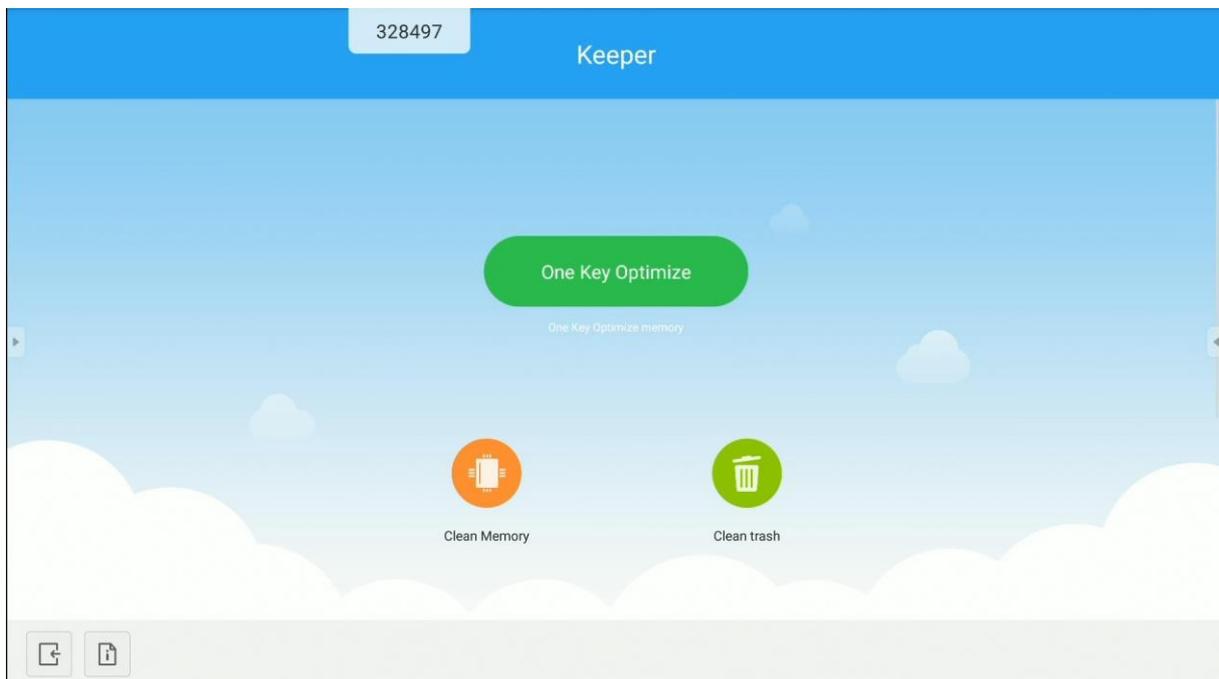


## Keeper

To enable the Keeper application, click the icon



The Keeper app is used to optimize device memory usage and empty the system of unnecessary data.



## NewPipe - an application to play YouTube platform videos

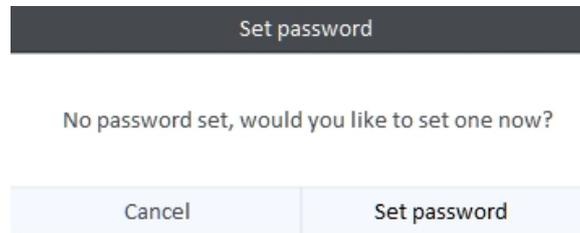
To enable the NewPipe application, click the icon



## Screen lock

*Screen lock (tool*

Click on the Lock screen application icon . Displayed will be page that allows you to set a password (if not already set).



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



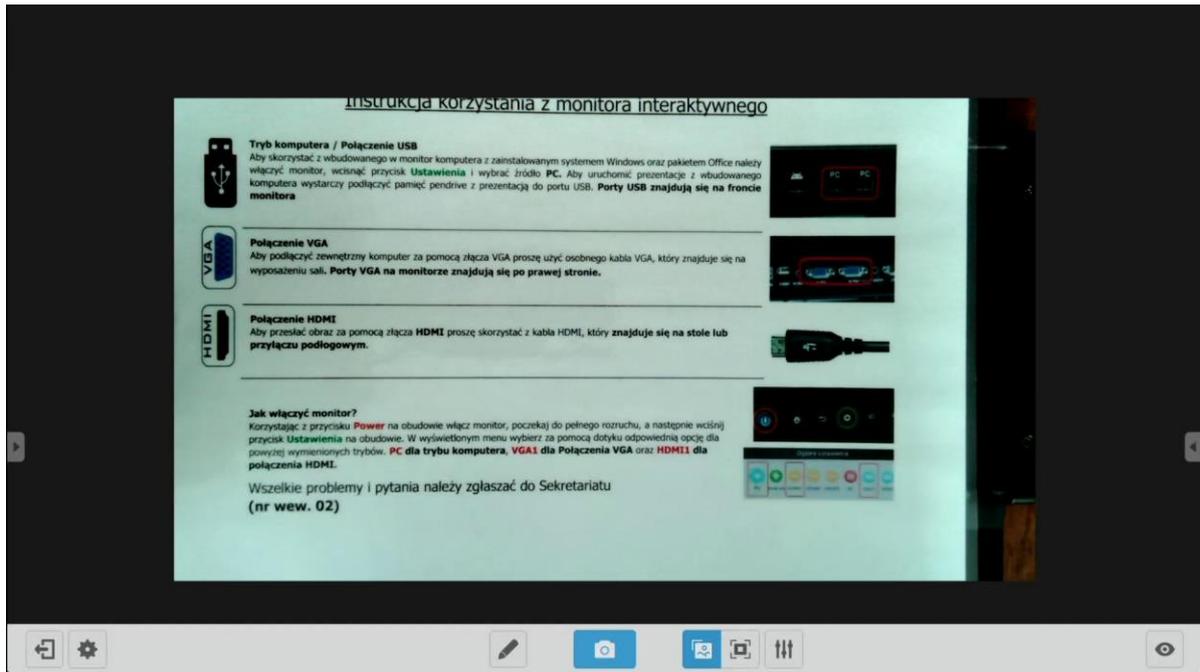
### *Other locking options*

There are other options for locking the monitor. To learn more, please download [vidis.pl](http://vidis.pl) and the article "Avtek TS - touch and monitor lock".

### **Visualizer**

The application allows you to display an image from a visualizer or camera, along with the ability to freeze the image, split the screen display several images, and annotate them.

**NOTE:** *The manufacturer does not guarantee cooperation with every camera and visualizer. The connected visualizer or USB camera must be an HID standard device, i.e. they do not require drivers to be installed for operation.*

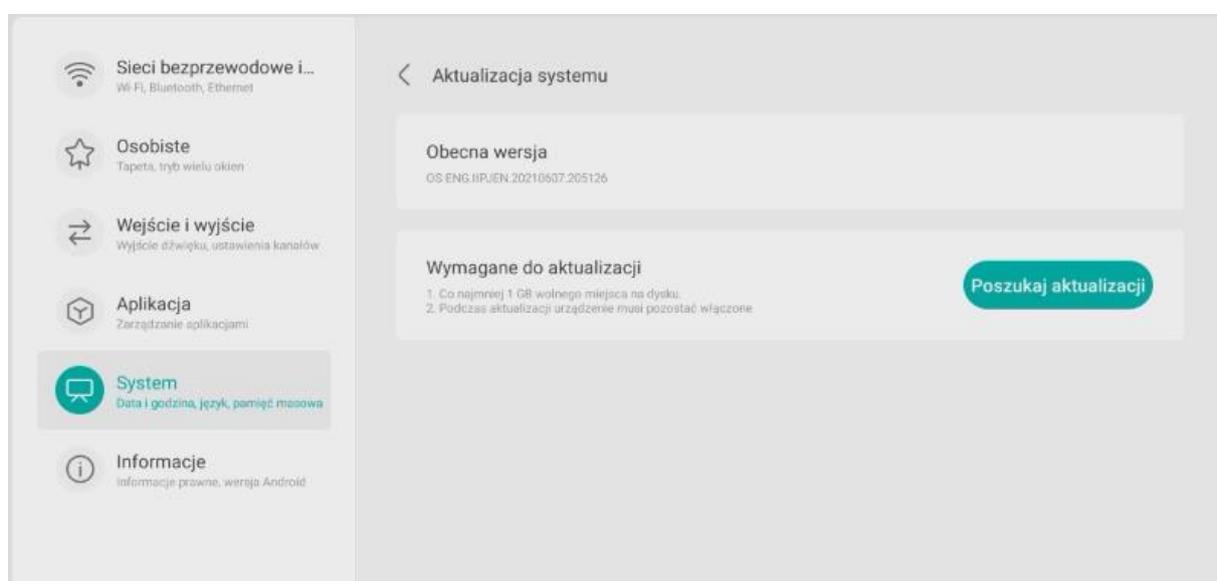


## System upgrade

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

**NOTE:** *the updates apply to the monitor's internal software with its features, not the Android version. The Android system version is fixed and unchanged over the life of the monitor.*

To check for updates manually go to Settings and click on the system tab, then "System Update", there select "Look for updates".



If the update is available the system will start downloading it. After downloading, the update will be ready for installation which takes about 5 minutes.

**NOTE:** *under no circumstances should the monitor be turned off during the update.*

**Thank you for using the system manual  
operational Avtek monitors!**



**Avtek**

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