



Interactive Whiteboard

Multiboard Prism
Multiboard Light Gen 7

Models: PSMB018R650, PSMB018R750, PSMB018R860,
PSMB018L657, PSMB018L757, PSMB018L867



Installation and Operation Manual

Version 1.0.1 | September 2026

Introduction

The Prestigio Solutions® Interactive Whiteboard (hereinafter referred to as the interactive whiteboard or device) is designed to work with software based on the Android operating system * (hereinafter referred to as the OS) and to create and process data.

This manual provides a detailed description of the device as well as instructions for its installation, setup, operation, and maintenance. Please read this manual carefully and keep it for future reference.

Copyright

Copyright © ASBISC Enterprises PLC. All rights reserved.

Prestigio Solutions® is a registered trademark owned by ASBIS GROUP OF COMPANIES (hereinafter referred to as ASBISC, the company, or the manufacturer). All trademarks and their names, as well as logos and other symbols mentioned in this manual, are the property of their respective owners **.

Any possible mention of other companies, brands, and equipment in this document is for the sole purpose of explaining and describing the operation of the device and does not infringe on any intellectual property rights.

Materials presented under the Prestigio Solutions® trademark and contained in this manual are protected in accordance with international and local legislation, including copyright and related rights laws.

Any reproduction, copying, publication, further distribution or public display of materials presented herein (in whole or in part) is only permitted after appropriate written permission from the copyright holder.

Any unauthorized use of the materials contained in this Manual may subject the offender to civil liability and criminal prosecution under applicable law.

* See section 9 "Glossary".

** **Android**, **Files by Google**, **Google**, **Google Assistant**, **Gemini**, **Google Calendar**, **Google Chrome browser**, **Google Contacts**, **Google Drive**, **Gmail**, **Google Keep notes**, **Google Maps**, **Google Meet**, **Google Photos**, **Google Play Games**, **Google Play store**, **Google TV**, **YouTube**, **YouTube Music**, and the corresponding logos are trademarks of Google LLC; **Arm**, **Cortex**, and **Mali** are registered trademarks of Arm Limited in the United States and/or other countries; **HDMI**, **HDMI High-Definition Multimedia Interface**, the **HDMI** trade dress, and the **HDMI** logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.; **Rockchip** is a registered trademark of Rockchip Electronics Co., Ltd.; **Windows** is a trademark of the Microsoft group of companies.

Responsibility and Technical Support

This document has been prepared in accordance with all necessary legal requirements and contains detailed and complete information on the installation, setup, and operation of the device. The information is up-to-date as of the date indicated in the document.

Strict adherence to the instructions in this manual is a basic requirement for the correct, safe and reliable operation of the device.

This Manual, as well as the Quick Start Guide, are an integral part of the device and shall always be available to the user as reference documentation.

The manufacturer reserves the right to modify the device and make changes and additions to this document without prior notice to users. The manufacturer shall not be liable for any negative consequences arising from the use of an outdated version of the document, nor for any technical or typographical errors or omissions, nor for incidental or consequential damages that may arise from the transfer of this document to third parties or improper use of the device.

The manufacturer makes no warranties regarding the material contained in this document, including, but not limited to, merchantability and fitness of the device for a particular application.

In case of any textual discrepancies in the language versions of the document, the Russian version of this Manual shall take precedence.

For all technical questions, please contact your local official Prestigio Solutions® representative or the technical support department via the feedback form on **prestigio-solutions.com**.

The most common issues are described in section 8, "Troubleshooting" of this document.

The latest version of this manual can be downloaded from **prestigio-solutions.com**.

User information, including personal data, is protected from unauthorized use and disclosure in accordance with GDPR requirements *. The Privacy Policy is available on the web page **prestigio-solutions.com/legal-and-safety**.

* See section 9 "Glossary".

Compliance With Standards

This device complies with applicable safety requirements.



The device is CE certified and complies with requirements of the following Directives of the European Union:

- Radio Equipment Directive 2014/53/EU;
- Directive 2009/125/EC on ecodesign requirements for energy-related products.

RoHS

The device meets the requirements of the RoHS Directive 2011/65/EU, including the requirements of Directive 2015/863/EU, on the restriction of the use of certain hazardous substances (RoHS) in electrical and electronic equipment.



The cadmium content in the screen components does not exceed 0.01 % (according to Directive 2011/65/EU).



The device has passed all evaluation procedures established in the Technical Regulations of the Customs Union of the Eurasian Economic Union and complies with the standards of the Customs Union's member states.



National conformity mark of Ukraine, indicating that the device meets all required Technical Regulations.

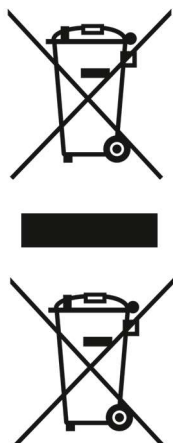


This device complies with ECAS (Emirates Conformity Assessment Scheme) labeling requirements for sale in the United Arab Emirates.



This device is certified in accordance with the requirements of the ENERGY STAR® program. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency (EPA).

This device meets ENERGY STAR requirements when used with the factory settings designed to save energy. Changing factory settings may increase energy consumption and exceed the limits established by the ENERGY STAR standard (for details, see **EnergyStar.gov**).



These symbols indicate that when disposing of the device, its batteries and accumulators, as well as its electrical and electronic accessories, you must follow the rules for handling waste electrical and electronic equipment (WEEE) * and rules for handling waste batteries and accumulators. According to regulations, this device must be disposed of separately at the end of its service life. Do not dispose of the device, its batteries and accumulators, as well as its electrical and electronic accessories together with unsorted household waste, as this will harm the environment. The device uses disposable batteries. At the end of their service life, they must be removed from the device and disposed of separately in accordance with applicable local battery recycling regulations. To dispose of this device, you must return it to the point of sale or take it to a local recycling center. For detailed information, contact your local household waste disposal service.

	AE	AM	AZ	BA	BG	BH	CY	CZ	EE	GE	GR	HR	HU	KW
	KZ	LT	LV	MD	OM	PL	RO	RS	SA	SI	SK	UA	UZ	ZA

Simplified Declaration of Conformity

ASBISC hereby declares that the devices comply with Directive 2014/53/EU. The full text of the EU Declaration of Conformity can be found at the following web addresses:
prestigio-solutions.com/documents/psmb018r-ce-rohs,
prestigio-solutions.com/documents/psmb018l-ce-rohs.

Limitations and Warnings

Before starting installation, setup, and operation of the device, carefully read the information contained in this section of the document. Keep this document for future reference.

The device is not intended for use by children or persons with physical, mental, or intellectual disabilities if they do not have sufficient experience or knowledge of how to use the device and are not under the supervision of a person responsible for their safety.

Before using the device by the persons mentioned above, make sure that they are familiar with the conditions for safe operation of the device and with warnings related to the safe use of power sources. The device OS also provides additional features to facilitate its use (for details, see **android.com/accessibility**).

* See section 9 "Glossary".

Warning Symbols and Signs



Read the operating instructions carefully.



Users shall not open the device's casing or touch any internal parts or components.



Users shall not repair the device on their own.



Do not touch the device's casing while it is powered on.



The device must be unplugged before maintenance, in case of malfunction, or when left unattended.



The device without a power plug must be de-energized before maintenance and repair.



Safety requirements shall be strictly followed. Failure to follow the instructions may result in minor or moderate injuries, damage to equipment or property.



Risk of electric shock.



The device is intended for indoor use only.



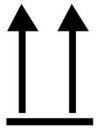
Do not step on the packaging.



The contents of the package require careful handling.



Do not tilt, turn over, or roll the transport packaging.



Correct position of the packaging during storage and transportation.



Stacking – no more than two levels (including the bottom one).



The device and its packaging must be protected from moisture and stored only in a dry room.



Fragile cargo. Risk of damage to the device in case of significant mechanical impact.



The device packaging can be disposed of together with household waste.



The product packaging is suitable for further recycling.



Packaging material – corrugated cardboard.



Packaging material – low-density polyethylene.

Rules for safe installation and operation of the device

ATTENTION! The warnings, precautions, and instructions contained in this document cannot cover all possible hazardous situations. Use common sense when using the device.

ATTENTION! The device is not waterproof; do not allow liquids to enter the casing or connectors.

ATTENTION! Do not allow the device to overheat. Do not place it near heating appliances or open flames. Do not expose the device to direct sunlight for long periods of time.

ATTENTION! It is recommended to store the device in its original packaging in a cool and dry place to protect the casing from dust and dirt, as well as from exposure to moisture.

ATTENTION! Do not modify the device yourself, make any changes to its design, use non-original spare parts for its repair, or engage third-party services. Any modifications and changes to the device design may result in voiding the warranty, damaging the device, risk of fire, and other hazardous situations.

ATTENTION! The device has an RTC battery containing * the hazardous substance 1,2-dimethoxyethane – ethylene glycol dimethyl ether (EGDME) in a concentration exceeding the permissible limit. Do not disassemble, heat up, or damage the battery, as this may cause chemical leakage.

ATTENTION! Replacement of the RTC battery must be performed only by a specialist at an authorized service center (addresses of authorized service centers are available on the web page **prestigio-solutions.com/warranty**). Do not replace the battery on your own.

If a battery leak is detected, immediately stop using the device, use personal protective equipment (latex/rubber gloves, safety goggles, and a respirator), open the windows in the room, and contact an authorized service center to replace the battery and diagnose the device (for addresses of authorized service centers, visit **prestigio-solutions.com/warranty**). Dispose of a failed battery in accordance with disposal information.

For proper and safe use of the device and accessories, follow the instructions and safety rules set out in this manual.

The manufacturer is not responsible for damage caused by the improper use of this device.

Use the device only indoors and in the manner described in this manual. Failure to comply with the operating rules contained in this document may cause harm to your health or property.

To ensure safe operation of the device, follow these rules:

- Observe the operating and storage conditions of the device established by the manufacturer. Do not allow the device to overheat. Do not place it near heating appliances or open flames. Do not expose the device to direct sunlight for long periods of time.
- If the device was transported and/or stored at a temperature below +5 °C, unpack it and wait 24 hours before use until it reaches room temperature.
- Do not use the device in rooms with sudden temperature changes, high humidity, or in places where dust, splashes, water drops, or condensation may get on the device.

* See section 9 "Glossary".

- For fire safety reasons, do not use the device in rooms where vapors of flammable materials are present.
- Store the device, accessories, and packaging out of reach of children and pets.
- The interactive whiteboard must be unpacked and installed by qualified specialists (at least 2 people).
- Do not cover the ventilation holes on the device. Install the device in a well-ventilated area.
- Use the device and its connectors only for their intended purpose. Do not insert foreign objects into the connectors or apply force when connecting cables to them.
- Connect and disconnect cables only when the interactive whiteboard is powered off.
- After turning off the device and disconnecting it from the power supply, wait at least 30 seconds before turning it back on to avoid damaging the device.
- Do not leave the device unattended if it is connected to the power supply.
- To avoid damaging the device, do not drop it or subject it to impacts.
- Do not place foreign objects on the device.
- Do not remove the back cover when the interactive panel is on. There are dangerous high-voltage components inside.
- Do not expose the device to electromagnetic radiation.
- Unplug the device during thunderstorms.
- Regularly check the device casing, connectors, power cable, and cables for connecting external devices for damage. If cables are damaged, replace them promptly. If the casing, connectors, and/or other components of the device are damaged, stop using it and contact an authorized service center.
- If you notice a malfunction, including smoke, unusual noise, or odor during device operation, immediately stop using it and contact an authorized service center.
- Repair of the device and its accessories must be performed only by a specialist at an authorized service center. Do not try to repair the device by yourself.
- Regularly update software and firmware installed on the device to their latest versions.
- Use only licensed software. Do not install software from unreliable sources.

Precautions when connecting the device to the power supply

The package includes a power cable required to connect the device to the power supply. To safely connect the device, follow these rules:

- Before connecting the device to the power supply, make sure that all packaging materials have been removed, it is installed in accordance with the instructions, and the device's power supply parameters match those of the power grid (see Tables 7, 8).
- Connect the device to the power supply using the detachable power cable with plug included in the package. Use a cable that complies with the standard of outlets used in your country.
- Do not use non-original, homemade, damaged, or uncertified power cables to connect the device to the power supply.
- Connect the device only to a grounded power outlet. **Do not use an extension cord.**
- Make sure that when connecting the device to the power supply, the power cable plug is firmly inserted into the electrical outlet.
- Do not connect the device to the power supply in rooms with high humidity.
- Do not leave the device unattended if it is connected to the power supply.

ATTENTION! Using a power cable from third-party devices and manufacturers, as well as its improper connection, may result in voiding the warranty, damaging the device, risk of fire, and other hazardous situations.

Warnings related to wireless devices

The interactive whiteboard supports Wi-Fi * and BT * wireless interfaces. To safely use the device, follow these rules:

- Observe generally accepted rules for using wireless communications in places where restrictions on its use apply (healthcare facilities, gas stations, etc.).
- Turn off Wi-Fi and BT when operating the device near sensitive electronic equipment and medical devices.
- Do not modify antennas or attempt to amplify the signal.

ATTENTION! If you have a pacemaker or other medical device installed, read the instructions for your medical device before using the interactive whiteboard.

NOTE. For stable operation during a wireless connection, the device must be within 10 meters of the device to which it is connected via BT, and there must be no obstacles between them.

Rules for safe use of the detachable power cable with plug

- Connect and disconnect the power cable from the power supply only with dry hands.
- Place the power cable in locations where the risk of accidental external impact is excluded (if possible, in protective cable channels). Do not allow kinks or pinching of the power cable; do not place it on sharp objects or hot surfaces.
- Do not use a damaged power cable.
- Disconnect the power cable from the power supply by holding the plug, not the cable itself.
- If the power cable was damaged during use, first disconnect it from the power supply by holding the plug. Then disconnect the power cable from the device and replace it with a new one.

Data security

Some applications require access to the user's personal data (location, photos, videos, etc.). You can change permission settings in the menu of a specific application (see Table 24).

Before contacting a service center or changing system settings, save all personal data stored on the device (documents, photos, videos, etc.) to an external storage device (flash drive, external hard drive, etc.) or upload it to cloud storage, as it may be lost during these actions. The manufacturer is not responsible for data loss during service maintenance.

ATTENTION! The manufacturer is not responsible for the distribution and loss of your data. Use common sense when installing third-party applications. Read their privacy policy carefully.

* See section 9 "Glossary".

If you have any problems or questions while using the device, contact technical support before returning it to the seller. To do this, fill out the feedback form on **prestigio-solutions.com**.

If a malfunction is detected, stop using the device and contact an authorized service center. Device repair is permitted only at authorized service centers (addresses of authorized service centers are available on the web page **prestigio-solutions.com/warranty**).

Contents

Introduction.....	3
Copyright.....	3
Responsibility and Technical Support.....	4
Compliance With Standards.....	5
Simplified Declaration of Conformity.....	6
Limitations and Warnings.....	6
Warning Symbols and Signs.....	7
Rules for safe installation and operation of the device.....	9
Data security.....	11
1 General Description and Characteristics.....	16
1.1 Intended purpose of the device.....	16
1.2 Design elements and their purpose.....	17
1.3 Button functions.....	24
1.4 Power button indication.....	24
1.5 Technical specifications.....	25
1.5.1 Technical specifications of models PSMB018R650, PSMB018R750, and PSMB018R860.....	25
1.5.2 Technical specifications of models PSMB018L657, PSMB018L757 and PSMB018L867.....	29
1.6 Package contents.....	33
1.6.1 Package contents of models PSMB018R650, PSMB018R750 and PSMB018R860.....	33
1.6.2 Package contents of models PSMB018L657, PSMB018L757 and PSMB018L867.....	34
1.7 Types of electrical sockets and plugs.....	35
1.8 Packaging and labeling.....	35
2 Preparation for operation.....	36
2.1 Installing the interactive panel.....	36
2.2 Connecting external devices.....	41
2.2.1 Wired connection of external devices.....	43
2.2.2 Wireless connection of external devices.....	47
2.3 Connecting the interactive panel to the power supply.....	48
2.4 First power-on.....	49
3 Operation.....	52
3.1 Touch control of the interactive whiteboard.....	52
3.2 Controlling the interactive whiteboard with the remote control.....	54
3.2.1 Installing/replacing batteries in the remote control.....	54
3.2.2 Using the remote control.....	55
3.2.3 Purpose of the remote control buttons.....	56
3.3 Configuring the interactive whiteboard.....	57
3.3.1 Configuring the device in the "IFPD Settings" application.....	57
3.3.2 Configuring the device in the "Settings" application.....	62

3.3.3 Quick settings menu and panels	70
3.3.3.1 Quick settings menu	70
3.3.3.2 Top quick settings panel.....	75
3.3.3.3 Side quick settings panels.....	78
3.3.3.4 Floating quick settings panel	81
3.3.4 OS Update	84
3.3.5 Selecting the Signal Source	84
3.3.6 Using Windows OS on the Interactive Whiteboard.....	85
3.3.6.1 Installing the Mini Computer	86
3.3.6.2 Connecting the Mini Computer	87
3.3.7 Applications.....	87
3.3.8 Shutting Down.....	92
4 Maintenance and repair	93
4.1 Replacing the RTC Battery.....	93
5 Warranty obligations.....	95
5.1 Warranty Service Procedure	95
5.2 Limitation of Liability.....	96
6 Rules for Storage, Transportation, and Disposal	97
7 Other information.....	98
8 Troubleshooting.....	99
9 Glossary.....	102

Figures and tables

Figure 1 – Appearance of models PSMB018R650, PSMB018R750, and PSMB018R860	17
Figure 2 – Appearance of models PSMB018L657, PSMB018L757, and PSMB018L867	17
Figure 3 – Front view	18
Figure 4 – Side view (left and right).....	20
Figure 5 – Bottom view.....	22
Figure 6 – Rear view.....	23
Figure 7 – Package contents of models PSMB018R650, PSMB018R750 and PSMB018R860	33
Figure 8 – Package contents of models PSMB018L657, PSMB018L757 and PSMB018L867	34
Figure 9 – Securing the vertical guides	37
Figure 10 – Marking the mounting holes.....	37
Figure 11 – Drilling holes and installing dowels	38
Figure 12 – Installing the mounting plate.....	38
Figure 13 – Installing the interactive panel on the mounting plate	39
Figure 14 – Additional securing of the interactive panel	40
Figure 15 – Connecting the interactive panel to the power supply	48
Figure 16 – Main page of the Android OS.....	49

Figure 17 – Installing/replacing batteries in the remote control	54
Figure 18 – Using the remote control	55
Figure 19 – Installing the Mini Computer	86
Figure 20 – Removing the RTC Battery Slot.....	94
Figure 21 – Replacing the RTC Battery	94
Figure 22 – Installing the RTC Battery Slot	94
Table 1 – Elements of the front part of the interactive whiteboard	19
Table 2 – Elements of the left and right panels	21
Table 3 – Elements of the bottom panel.....	22
Table 4 – Elements of the rear panel	23
Table 5 – Functions of the interactive whiteboard buttons.....	24
Table 6 – Indication of the interactive whiteboard power button.....	24
Table 7 – Main technical specifications of models PSMB018R650, PSMB018R750, and PSMB018R860 ..	25
Table 8 – Main technical specifications of models PSMB018L657, PSMB018L757 and PSMB018L867 ..	29
Table 9 – Types of electrical sockets and plugs	35
Table 10 – Packaging characteristics of the interactive panel.....	35
Table 11 – Symbols used to describe operation when connecting external devices.....	41
Table 12 – Purpose of the navigation bar buttons on the Android OS main page	49
Table 13 – Purpose of the remote control buttons	56
Table 14 – Items of the “Quick settings” tab menu	71
Table 15 – Items of the “Mode” tab menu	73
Table 16 – Menu items on the “Image” tab.....	74
Table 17 – Buttons of the additional menu on the top quick settings panel.....	76
Table 18 – Buttons of the side quick settings panels menu	79
Table 19 – Buttons on the Shortcuts tab	80
Table 20 – Buttons of the additional menu of the floating quick settings panel and the “Shortcuts” tab	83
Table 21 – Purpose of the main buttons in the signal source selection menu.....	85
Table 22 – Correspondence of signal sources to the ports of the interactive whiteboard	85
Table 23 – Preinstalled applications of the Interactive Whiteboard and their purpose	87
Table 24 – Main actions with applications.....	90
Table 25 – Common issues and solutions.....	99

1 General Description and Characteristics

1.1 Intended purpose of the device

The Prestigio Solutions® Interactive Whiteboard is designed to work with software based on the Android OS, create and process data, display and play multimedia, conduct presentations, training sessions, ensure collaborative work of users, and use built-in artificial intelligence functions. Wired and wireless connection to the Internet and connection of external devices * (including installation of a mini computer) are provided. It is controlled via a touchscreen and/or remote control. It can also be controlled via keyboard and mouse (not included). Installation options: on the wall, on a floor stand **.

ATTENTION! Use only mini computers recommended by the manufacturer (PSMB528K001, PSMB528K002 models) for this interactive whiteboard.

Features of the interactive whiteboard:

- display and playback of multimedia;
- creation and editing of text and graphic objects on the interactive whiteboard screen;
- touch control with multi-touch support;
- remote control with a remote control;
- wired and wireless connection of external devices;
- connection to the Internet via a wired (LAN) and wireless (Wi-Fi) connection;
- use as a Wi-Fi hotspot for other devices;
- conducting conference calls *** using a built-in or external microphone and camera;
- installation and updating of software (including applications);
- working with files and applications based on the Android OS;
- working with files and applications based on the Windows OS after installing a mini computer (not included in the package);
- additional features: selecting a screen area, screenshot, eye protection mode, calculator, stopwatch/timer, touch screen lock, etc.;
- transferring touch data from the touch screen to an external device.

* External device – desktop computer, laptop, keyboard, mouse, flash drive, etc.

** VESA mount and floor stand are not included in the package.

*** See section 9 "Glossary".

1.2 Design elements and their purpose



Figure 1 – Appearance of models PSMB018R650, PSMB018R750, and PSMB018R860



Figure 2 – Appearance of models PSMB018L657, PSMB018L757, and PSMB018L867

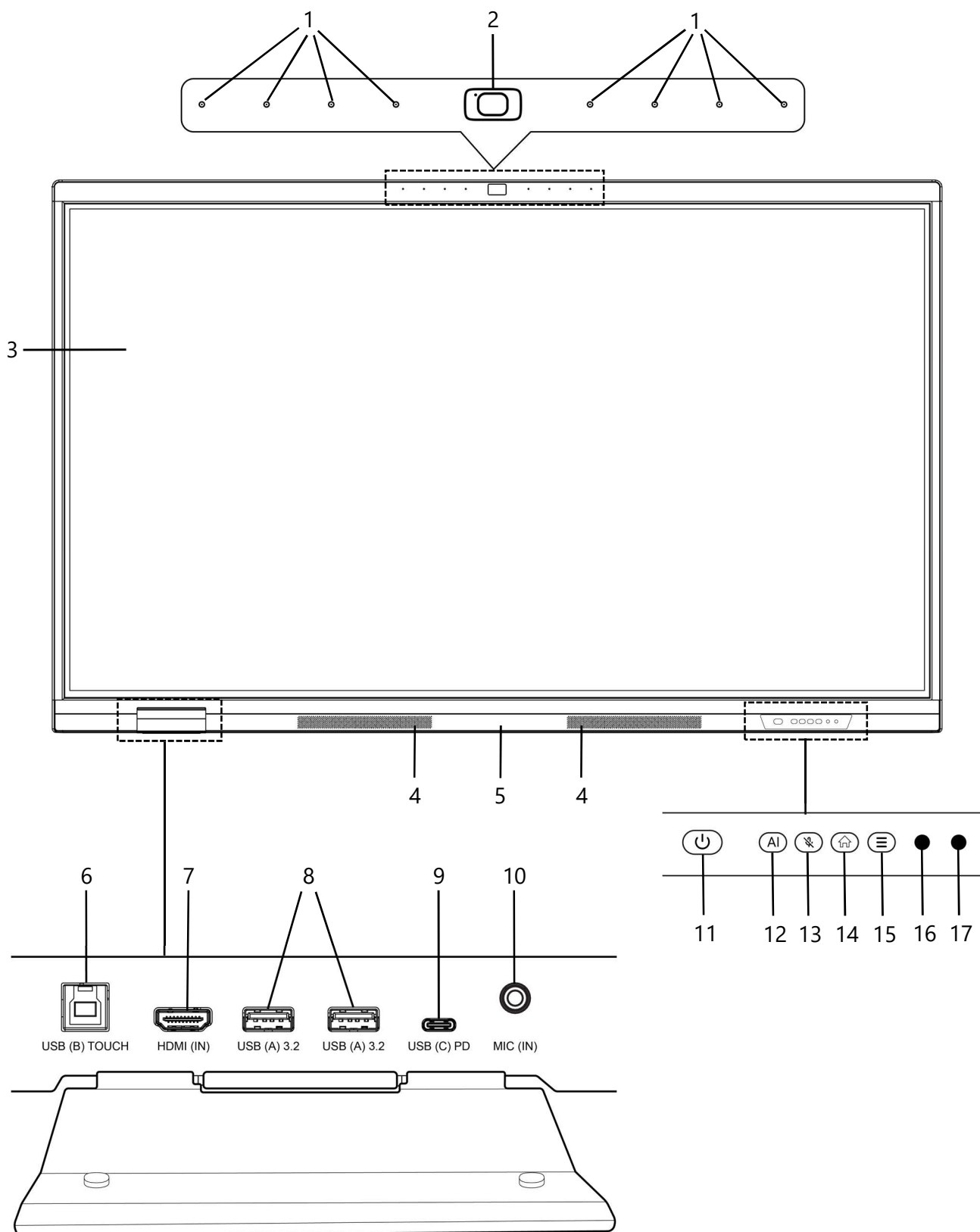


Figure 3 – Front view

NOTE. Interactive whiteboards PSMB018L657, PSMB018L757, and PSMB018L867 do not have a built-in camera; the number of built-in microphones is 4 pcs.

Table 1 – Elements of the front part of the interactive whiteboard

No.	Component	Intended use
1	Microphones	Audio capture during conference calls
2	Camera	Image capture during conference calls
3	Screen	Displaying visual information, touch control of the device
4	Speakers	Audio playback
5	Accessory tray	Storing accessories
6	USB (B) Touch connector	Transferring touch data from the touch screen to an external device
7	HDMI 2.0 (IN) * connector	Receiving audio and video signals from an external device
8	USB (A) 3.2 Gen 1×1 connectors	Data exchange, powering/charging devices
9	USB (C) 3.2 Gen 1×1 connector with PD * 3.0 and DP 1.2 Alt Mode	Data exchange, powering/charging external devices, providing Internet access to compatible external devices; connecting external devices with DisplayPort Alt Mode support *
10	MIC (IN) connector	Receiving audio signal from an external microphone
11	Power button	Switching the device to operating mode / standby mode *
12	“AI” button	Calling a virtual AI assistant
13	Button for turning sound, camera, and microphones on/off	Turning sound, built-in camera, and microphones on/off
14	Button to go to the home page	Go to the Android OS home page
15	Settings menu button	Call menu / exit from the quick settings menu
16	IR receiver	Receiving signals from the remote control (RC)
17	Ambient light sensor	Automatic adjustment of screen brightness depending on the ambient light level

NOTE. For more information about the functions of the interactive whiteboard buttons, see subsection 1.3.

* See section 9 “Glossary”.

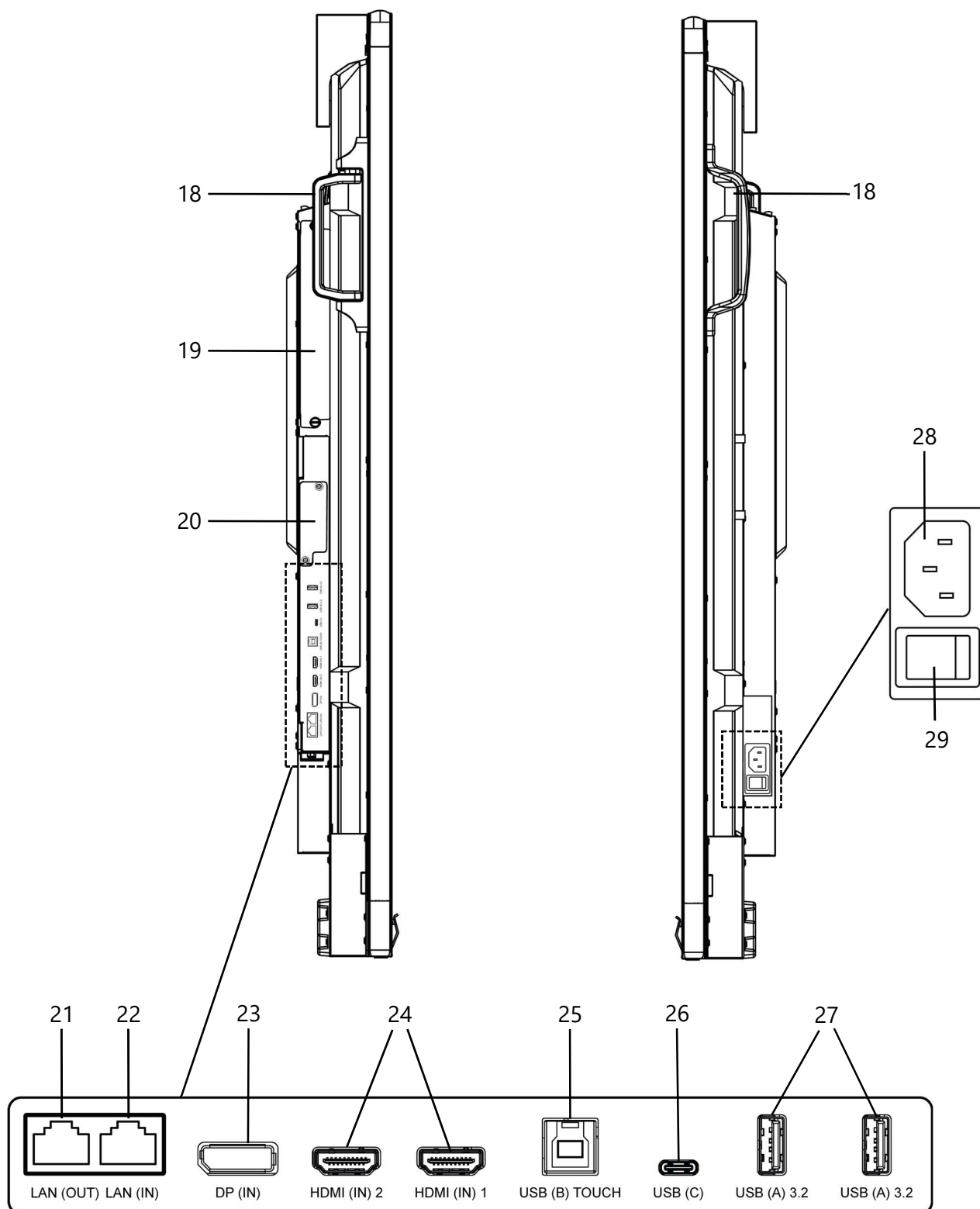


Figure 4 – Side view (left and right)

Table 2 – Elements of the left and right panels

No.	Component	Intended use
18	Handles	Moving the device
19	Slot with JAE (80 pin) connector	Connecting a mini computer to use the Windows OS
20	Wi-Fi/BT module (antennas installed)	Connecting to a Wi-Fi network and devices with BT support
21	LAN (OUT) connector	Transferring network connection to an external device
22	LAN (IN) connector	Connecting to a local network for data transfer and Internet access
23	DP 1.2 (IN) connector	Receiving audio and video signals from an external device
24	HDMI 2.0 (IN) connectors	Receiving audio and video signals from an external device
25	USB (B) Touch connector	Transferring touch data from the touch screen to an external device
26	USB (C) 3.2 Gen 1×1 connector with DP 1.2 Alt Mode	Data exchange, powering/charging external devices ; connecting external devices with Alt Mode support
27	USB (A) 3.2 Gen 1×1 connectors	Data exchange, powering/charging devices
28	Power connector	Powering the device via a power cable
29	Power switch	Turning the device power on/off

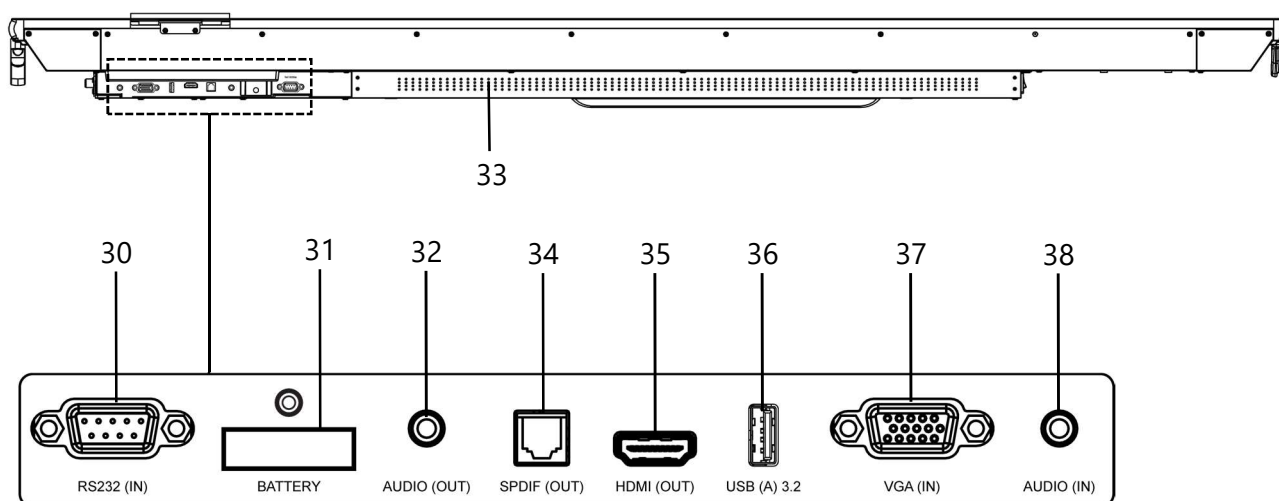


Figure 5 – Bottom view

Table 3 – Elements of the bottom panel

No.	Component	Intended use
30	RS232 (IN) connector	Connecting external control systems
31	RTC battery slot	Access to the RTC battery for its replacement
32	AUDIO (OUT) connector	Transmitting audio signal to an external device
33	Ventilation holes	Ensuring air circulation and heat dissipation
34	S/PDIF (OUT) connector	Transmitting audio signal to an external device
35	HDMI 2.0 (OUT) connector	Transmitting audio and video signals to an external device
36	USB (A) 3.2 Gen 1×1 connector	Data exchange, powering/charging devices
37	VGA (IN) connector	Receiving video signal from an external device
38	AUDIO (IN) connector	Receiving audio signal from an external device

ATTENTION! Replacement of the RTC battery must be performed only by a specialist at an authorized service center (addresses of authorized service centers are available on the web page **prestigio-solutions.com/warranty**). Do not replace the battery on your own.

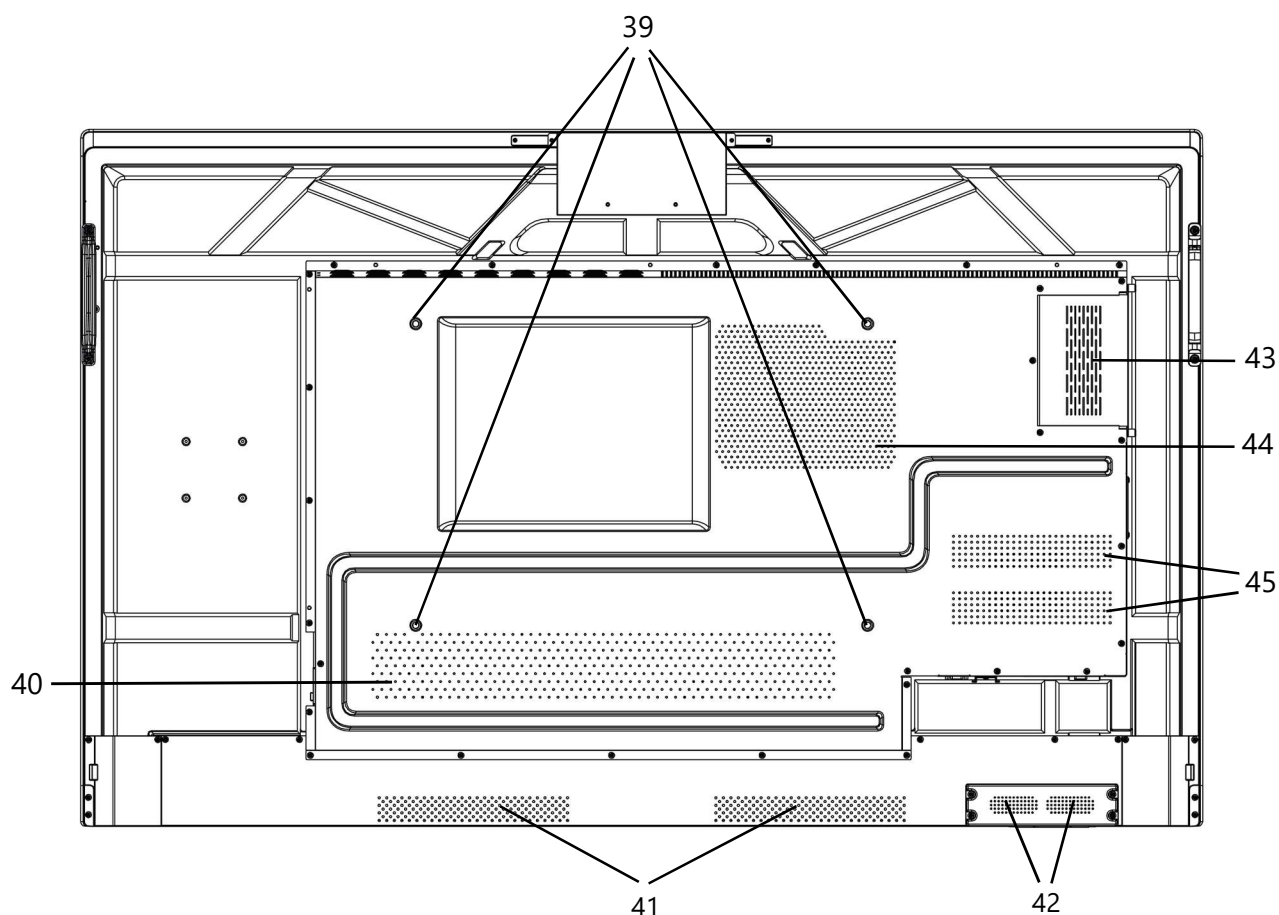


Figure 6 – Rear view

Table 4 – Elements of the rear panel

No.	Component	Intended use
39	Mounting holes (4 pcs.)	Installation on a VESA * wall mount
40	Ventilation holes	Ensuring air circulation and heat dissipation
41	Ventilation and sound output holes	Ensuring air circulation, heat dissipation, and sound output
42	Ventilation holes	Ensuring air circulation and heat dissipation
43	Ventilation holes	Ensuring air circulation and heat dissipation from the mini computer after its installation
44	Sound output holes	Ensuring sound output
45	Ventilation holes	Ensuring air circulation and heat dissipation

* See section 9 "Glossary".

1.3 Button functions

Table 5 – Functions of the interactive whiteboard buttons

Button	Action	Function
Power button	Press once	Switching the device to operating mode / standby mode
	Press and hold for 5 seconds when the device is in operating mode	Put the device in standby mode
"AI" button	Press once	Calling a virtual AI assistant (Google Assistant / Gemini by default *)
Button for turning sound, camera, and microphones on/off	Turning sound, built-in camera, and microphones on/off	Button for turning sound, camera, and microphones on/off
Button to go to the home page	Press once	Go to the Android OS home page
Settings menu button	Press once	Call menu / exit from the quick settings menu
Power switch	Set to position I ("On")	Turn on the device power
	Set to position O ("Off")	Turn off the device power

1.4 Power button indication

Table 6 – Indication of the interactive whiteboard power button

Indicator	Description
Solid white	The device is turned on and operating
Flashing white	Device firmware update in progress
Solid red	The device is in standby mode
Off	The device is turned off / no power supply

* The application may change depending on the region and installed Android OS updates.

1.5 Technical specifications

1.5.1 Technical specifications of models PSMB018R650, PSMB018R750, and PSMB018R860

Table 7 – Main technical specifications of models PSMB018R650, PSMB018R750, and PSMB018R860

Model Specifications	PSMB018R650	PSMB018R750	PSMB018R860
General information			
Type	Interactive Whiteboard		
Power supply			
Sign in	100–240 V (AC), 4.5 A, 50/60 Hz, 450.0 W (max.)	100–240 V (AC), 5.0 A, 50/60 Hz, 500.0 W (max.)	100–240 V (AC), 6.0 A, 50/60 Hz, 600.0 W (max.)
Exit	USB (A) 3.2 Gen 1×1 (×5) – 5.0 V / 1.0 A (DC), 5.0 W (max.); USB (C) 3.2 Gen 1×1 (side) – 5.0 V / 3.0 A (DC), 15.0 W (max.); USB (C) 3.2 Gen 1×1 with PD 3.0 (front) – 5.0 V / 3.0 A (DC), 15.0 W; 9.0 V / 3.0 A (DC), 27.0 W; 12.0 V / 3.0 A (DC), 36.0 W; 15.0 V / 3.0 A (DC), 45.0 W; 20.0 V / 3.25 A (DC), 65.0 W (max.)		
Standby mode	≤ 0.5 W		
Screen			
Diagonal	65" (163.89 cm)	75" (189.34 cm)	86" (217.4 cm)
Resolution	3840×2160 px (4K UHD, 16:9)		
Type	Liquid crystal, touch (infrared)		
Multitouch	50 points of simultaneous touch for Android and Windows OS		
Backlight type	Direct LED		
Matrix type	VA		
Viewing angle	178° (vertical) / 178° (horizontal)		
Brightness	450 cd/m ² (minimum), 500 cd/m ² (typical), 520 cd/m ² (peak)		
Contrast	5000:1 (static), 100 000:1 (dynamic)		
Color depth	8 bit + FRC (1.07 billion colors)		
Refresh rate	60 Hz		
Response time	≤ 6.5 ms		≤ 8.0 ms

Model Specifications	PSMB018R650	PSMB018R750	PSMB018R860
Type and number of connectors			
AUDIO (IN)	1		
AUDIO (OUT)	1		
DP 1.2 (IN)	1		
HDMI 2.0 (IN)	3		
HDMI 2.0 (OUT)	1		
IAE (80-pin)	1		
LAN (IN)	1		
LAN (OUT)	1		
RS232 (IN)	1		
MIC (IN)	1		
S/PDIF (OUT)	1		
USB (A) 3.2 Gen 1×1	5		
USB (B) Touch	2		
USB (C) 3.2 Gen 1×1 with PD 3.0 and DP 1.2 Alt Mode	1		
USB (C) 3.2 Gen 1×1 with DP 1.2 Alt Mode	1		
VGA (IN)	1		
Hardware specifications			
Central processing unit	ARM® Cortex® -A72 2.2 GHz (×4), ARM® Cortex® -A53 2.0 GHz (×4)		
Graphics processing unit	ARM® Mali™-G52 MC3 (1000 MHz)		
RAM (built-in)	LPDDR5, 8 GB, no expansion possible		
ROM (built-in)	eMMC 5.1, 128 GB, no expansion possible		
System characteristics and software			
OS	Android 14 (EDLA, preinstalled)		

Model Specifications	PSMB018R650	PSMB018R750	PSMB018R860
Preinstalled applications	Google Play store, Google Chrome browser, Google Drive, Gmail, Google Meet, YouTube Music, YouTube, Google Maps, Vote, Whiteboard, mozaBook, Mozaik3D, Screen Sharing, File Manager, Screen Recorder, etc. (for details, see section 3.3.7)		
Network specifications			
LAN	10/100/1000 Mbit/s		
Wi-Fi	Wi-Fi 6: 802.11a/b/g/n/ac/ax, 2.4/5 GHz, EIRP ≤ 20.0 dBm / 100.0 mW. Wi-Fi 5: 802.11a/b/g/n/ac, 2.4/5 GHz, 2.4G: 2400–2483.5 MHz; 5G: 5150–5250 MHz, 5250–5350 MHz, 5470–5725 MHz, 5725–5850 MHz; EIRP ≤ 20.0 dBm / 100.0 mW		
BT	BT 5.2, 2.4G: 2402–2483.5 MHz, EIRP ≤ 20.0 dBm / 100.0 mW; up to 10 m		
Camera			
Sensor	1/2", CMOS		
Resolution	48 Mpx		
Video signal compression	MJPEG, 3840×2160 px (30 fps)		
Viewing angle (4:3 mode)	114.9° ± 3° (diagonal) / 85.7° ± 3° (vertical) / 102.1° ± 3° (horizontal)		
Viewing angle (16:9 mode)	106.9° ± 3° (diagonal) / 67.4° ± 3° (vertical) / 99.7° ± 3° (horizontal)		
Focusing distance	≥ 60 cm		
Object tracking function	Supported		
Microphones			
Quantity	8 pcs.		
Audio capture radius	≤ 8 m		
Voice capture angle	±45 °		
Speakers			
System type	2.1		
Power and quantity	20.0 W, high-frequency (×2 pcs.); 20.0 W, low-frequency (×1 pc.)		

Model	PSMB018R650		PSMB018R750		PSMB018R860	
Specifications						
RTC battery						
Type	CR2032-T (Li/MnO2)					
Rated voltage	3.0 V					
Capacity	220·mAh					
Quantity	1 pc.					
Physical characteristics						
Casing material	Aluminum, plastic					
Frame material	Steel					
Screen material	Tempered glass					
Color	Black, White					
Compatible VESA mount size, parts	600×400 mm M8 screws, 20 mm (4 pcs.)		800×400 mm M8 screws, 20 mm (4 pcs.)		800×400 mm M8 screws, 20 mm (4 pcs.)	
Dimensions (L×W×H)	1489.8×102.5×924.7 mm		1711.8×102.7×1048.8 mm		1958×102.7×1187.2 mm	
Installation height	≤ 2 m					
Net weight	(34.8 ± 1) kg		(45.3 ± 1) kg		(58 ± 1) kg	
Operating conditions	Temperature –10...+40 °C, relative humidity 20–93 % (non-condensing)					
Storage conditions	Temperature –20...+60 °C, relative humidity 20–93 % (non-condensing)					
Warranty period	3 years, unless otherwise provided by local legislation (see prestigio-solutions.com/warranty)					
Service life	3 years					

1.5.2 Technical specifications of models PSMB018L657, PSMB018L757 and PSMB018L867

Table 8 – Main technical specifications of models PSMB018L657, PSMB018L757 and PSMB018L867

Model	PSMB018L657	PSMB018L757	PSMB018L867
Specifications			
General information			
Type	Interactive Whiteboard		
Power supply			
Sign in	100–240 V (AC), 4.5 A, 50/60 Hz, 450.0 W (max.)	100–240 V (AC), 5.0 A, 50/60 Hz, 500.0 W (max.)	100–240 V (AC), 6.0 A, 50/60 Hz, 600.0 W (max.)
Exit	USB (A) 3.2 Gen 1×1 (×5) – 5.0 V / 1.0 A (DC), 5.0 W (max.); USB (C) 3.2 Gen 1×1 (side) – 5.0 V / 3.0 A (DC), 15.0 W (max.); USB (C) 3.2 Gen 1×1 with PD 3.0 (front) – 5.0 V / 3.0 A (DC), 15.0 W; 9.0 V / 3.0 A (DC), 27.0 W; 12.0 V / 3.0 A (DC), 36.0 W; 15.0 V / 3.0 A (DC), 45.0 W; 20.0 V / 3.25 A (DC), 65.0 W (max.)		
Standby mode	≤ 0.5 W		
Screen			
Diagonal	65" (163.89 cm)	75" (189.34 cm)	86" (217.4 cm)
Resolution	3840×2160 px (4K UHD, 16:9)		
Type	Liquid crystal, touch (infrared)		
Multitouch	50 points of simultaneous touch for Android and Windows OS		
Backlight type	Direct LED		
Matrix type	VA		
Viewing angle	178° (vertical) / 178° (horizontal)		
Brightness	450 cd/m ² (minimum), 500 cd/m ² (typical), 520 cd/m ² (peak)		
Contrast	5000:1 (static), 100 000:1 (dynamic)		
Color depth	8 bit + FRC (1.07 billion colors)		
Refresh rate	60 Hz		
Response time	≤ 6.5 ms		≤ 8.0 ms
Type and number of connectors			
AUDIO (IN)	1		

Model Specifications	PSMB018L657	PSMB018L757	PSMB018L867
AUDIO (OUT)	1		
DP 1.2 (IN)	1		
HDMI 2.0 (IN)	3		
HDMI 2.0 (OUT)	1		
IAE (80-pin)	1		
LAN (IN)	1		
LAN (OUT)	1		
RS232 (IN)	1		
MIC (IN)	1		
S/PDIF (OUT)	1		
USB (A) 3.2 Gen 1×1	5		
USB (B) Touch	2		
USB (C) 3.2 Gen 1×1 with PD 3.0 and DP 1.2 Alt Mode	1		
USB (C) 3.2 Gen 1×1 with DP 1.2 Alt Mode	1		
VGA (IN)	1		
Hardware specifications			
Central processing unit	ARM® Cortex® -A72 2.2 GHz (×4), ARM® Cortex® -A53 2.0 GHz (×4)		
Graphics processing unit	ARM® Mali™-G52 MC3 (1000 MHz)		
RAM (built-in)	LPDDR5, 8 GB, no expansion possible		
ROM (built-in)	eMMC 5.1, 128 GB, no expansion possible		
System characteristics and software			
OS	Android 14 (EDLA, preinstalled)		
Preinstalled applications	Google Play store, Google Chrome browser, Google Drive, Gmail, Google Meet, YouTube Music, YouTube, Google Maps, Vote, Whiteboard,		

Model	PSMB018L657		PSMB018L757		PSMB018L867	
Specifications						
	mozaBook, Mozaik3D, Screen Sharing, File Manager, Screen Recorder, etc. (for details, see section 3.3.7)					
Network specifications						
LAN	10/100/1000 Mbit/s					
Wi-Fi	Wi-Fi 6: 802.11a/b/g/n/ac/ax, 2.4/5 GHz, EIRP ≤ 20.0 dBm / 100.0 mW. Wi-Fi 5: 802.11a/b/g/n/ac, 2.4/5 GHz, 2.4G: 2400–2483.5 MHz; 5G: 5150–5250 MHz, 5250–5350 MHz, 5470–5725 MHz, 5725–5850 MHz; EIRP ≤ 20.0 dBm / 100.0 mW					
BT	BT 5.2, 2.4G: 2402–2483.5 MHz, EIRP ≤ 20.0 dBm / 100.0 mW; up to 10 m					
Microphones						
Quantity	4 pcs.					
Audio capture radius	≤ 5 m					
Voice capture angle	±45 °					
Speakers						
System type	2.1					
Power and quantity	20.0 W, high-frequency (×2 pcs.); 20.0 W, low-frequency (×1 pc.)					
RTC battery						
Type	CR2032-T (Li/MnO2)					
Rated voltage	3.0 V					
Capacity	220·mAh					
Quantity	1 pc.					
Physical characteristics						
Casing material	Aluminum, plastic					
Frame material	Steel					
Screen material	Tempered glass					
Color	Black					
Compatible VESA mount size, parts	600×400 mm M8 screws, 20 mm (4 pcs.)	800×400 mm M8 screws, 20 mm (4 pcs.)	800×400 mm M8 screws, 20 mm (4 pcs.)			
Dimensions (L×W×H)	1489.8×102.5×924.7 mm	1711.8×102.7×1048.8 mm	1958×102.7×1187.2 mm			

Model	PSMB018L657	PSMB018L757	PSMB018L867
Specifications			
Installation height	≤ 2 m		
Net weight	(34.5 ± 1) kg	(44.5 ± 1) kg	(57 ± 1) kg
Operating conditions	Temperature –10...+40 °C, relative humidity 20–93 % (non-condensing)		
Storage conditions	Temperature –20...+60 °C, relative humidity 20–93 % (non-condensing)		
Warranty period	3 years, unless otherwise provided by local legislation (see prestigio-solutions.com/warranty)		
Service life	3 years		

1.6 Package contents

1.6.1 Package contents of models PSMB018R650, PSMB018R750 and PSMB018R860

The package contents of models PSMB018R650, PSMB018R750 and PSMB018R860 include the following:

1. Interactive panel PSMB018R650/PSMB018R750/PSMB018R860.
2. Remote control.
3. Power cable (plug type E/F), 3 m.
4. Power cable (plug type G), 3 m.
5. USB cable (A/B), 5 m.
6. HDMI cable, 5 m.
7. USB cable (C/C), 2 m.
8. Styluses (6 pcs.).
9. Quick Start Guide.

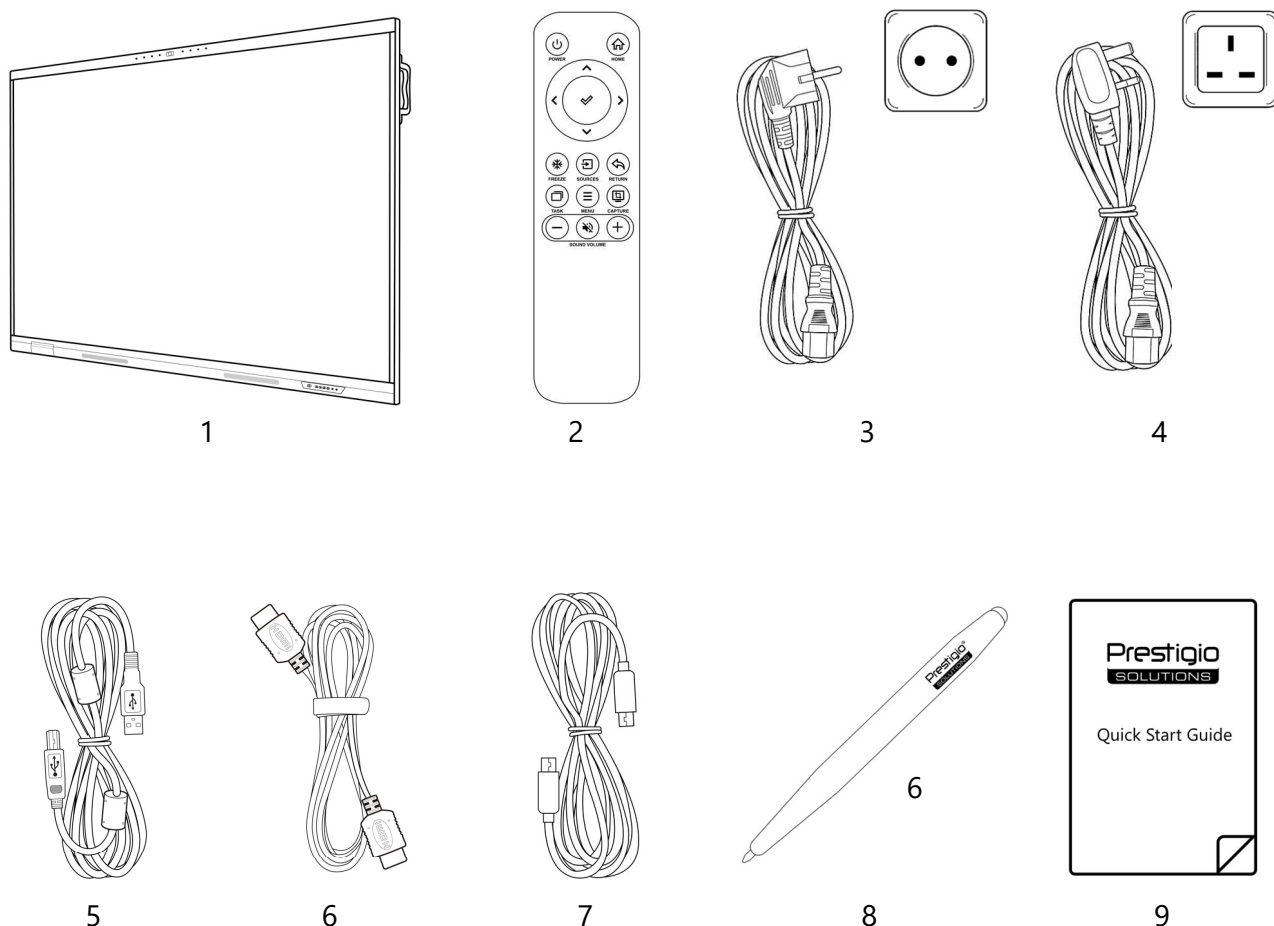


Figure 7 – Package contents of models PSMB018R650, PSMB018R750 and PSMB018R860

1.6.2 Package contents of models PSMB018L657, PSMB018L757 and PSMB018L867

The package contents of models PSMB018L657, PSMB018L757 and PSMB018L867 include the following:

1. Interactive panel PSMB018L657/PSMB018L757/PSMB018L867.
2. Remote control.
3. Power cable (plug type E/F), 3 m.
4. Power cable (plug type G), 3 m.
5. USB cable (A/B), 3 m.
6. HDMI cable, 3 m.
7. Styluses (6 pcs.).
8. Quick Start Guide.

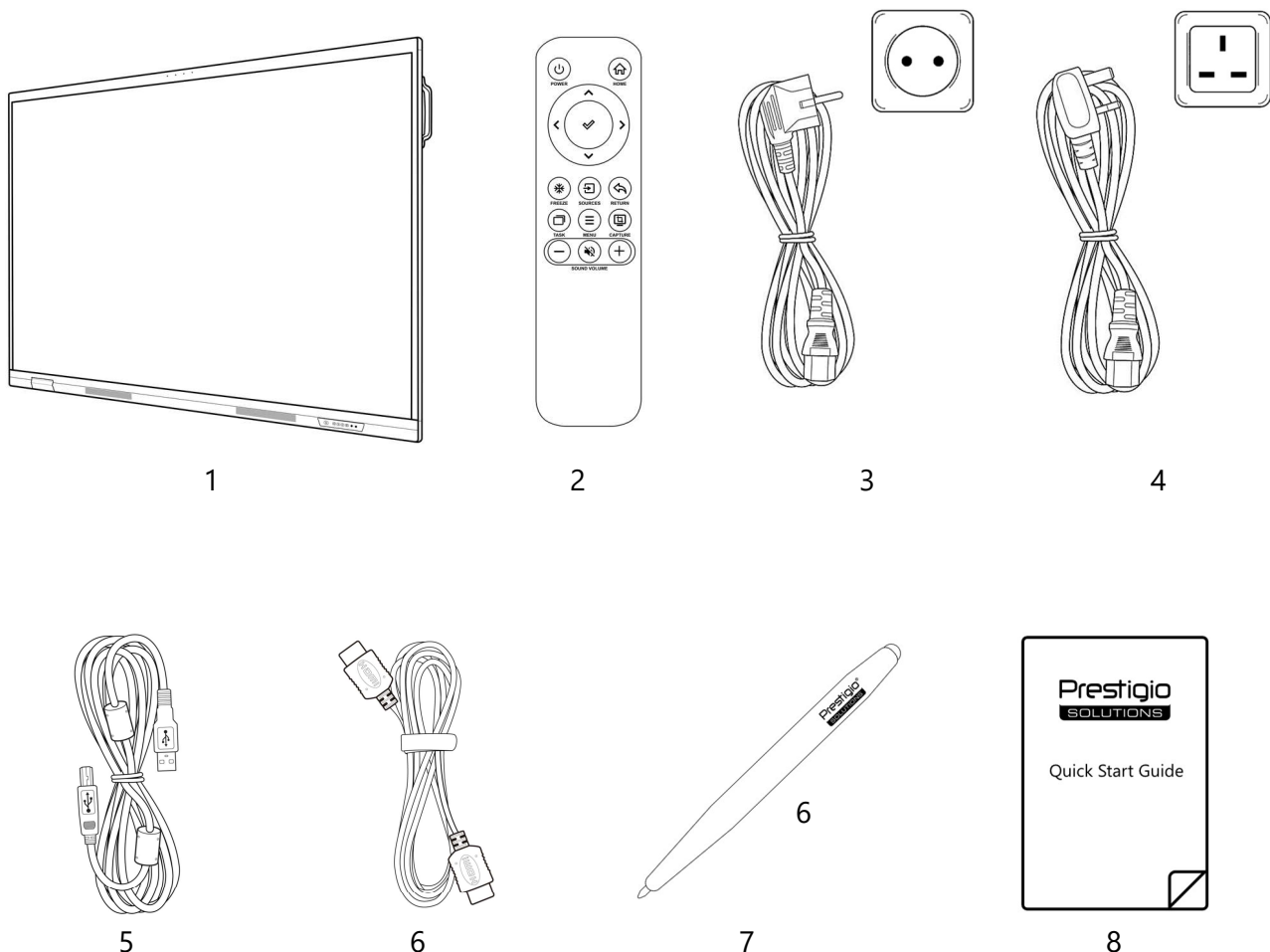
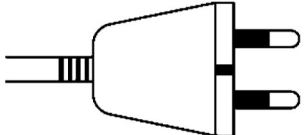
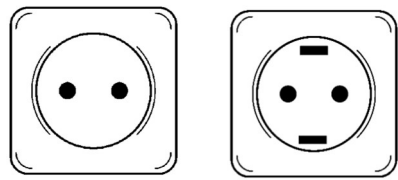
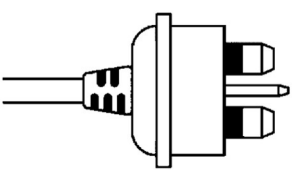
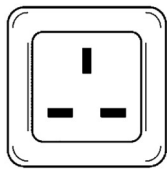


Figure 8 – Package contents of models PSMB018L657, PSMB018L757 and PSMB018L867

1.7 Types of electrical sockets and plugs

Since electrical socket standards vary by country, the detachable power cable for the interactive panel is available in two versions (see the table below).

Table 9 – Types of electrical sockets and plugs

Type	Plug	Socket
E/F		
G		

1.8 Packaging and labeling

The interactive panel is supplied in individual cardboard packaging containing the full name and labeling, main technical specifications, as well as the date of manufacture and information about the manufacturer and importers.

Table 10 – Packaging characteristics of the interactive panel

Model	PSMB018R650/ PSMB018L657	PSMB018L757/ PSMB018L867	PSMB018R750/ PSMB018R860
Specifications			
Package dimensions (L×W×H)	1640×185×1030 mm	1859×205×1160 mm	2119×228×1290 mm
Net weight	(34.8 ± 1) kg / (34.5 ± 1) kg	(45.3 ± 1) kg / (44.5 ± 1) kg	(58 ± 1) kg / (57 ± 1) kg
Gross weight	(44.45 ± 1) kg / (42.5 ± 1) kg	(58.36 ± 1) kg / (56.55 ± 1) kg	(73 ± 1) kg / (71.5 ± 1) kg

2 Preparation for operation

ATTENTION! The interactive whiteboard must be unpacked and installed by qualified specialists (at least 2 people).

Carefully open the box and remove the device. Remove packing materials. If any damage and/or discrepancies are found, contact an authorized service center. For more information on warranty service conditions, see sections 4 and 5.

2.1 Installing the interactive panel

The device can be installed in several ways:

- on the wall using a VESA mount;
- on a floor stand.

NOTE. VESA mount and floor stand are not included in the package. See also the instructions for the VESA mount and floor stand used.

ATTENTION! For proper touch screen operation, the interactive whiteboard must be installed strictly vertically, without tilting.

When installing on the wall using a VESA mount, follow the instructions below.

ATTENTION! The interactive whiteboard must be unpacked and installed by qualified specialists (at least 2 people).

ATTENTION! Mounting involves drilling into the wall. Required mounting tools (drill, hammer, screwdriver, wrench, construction level) are not included in the package.

Step 1. Select a location for installing the interactive panel. Ensure the installation location can support the weight of the interactive whiteboard and provides adequate air circulation around it. The electrical outlet to which the device will be connected must be within the length of the power cable (≤ 3 m).

NOTE. Place the power cable in locations where the risk of accidental external impact is excluded (if possible, in protective cable channels). Do not allow kinks or pinching of the power cable; do not place it on sharp objects or hot surfaces.

Step 2. Place the Interactive Panel horizontally, screen side down, on a flat and clean surface covered with a soft cloth.

Step 3. Secure the vertical guides to the interactive panel casing using screws, as shown in the Figure below.

ATTENTION! Do not use power tools (screwdriver, electric screwdriver) to tighten the screws.

ATTENTION! Make sure the screws are securely tightened and fully seated in the guides and mounting holes on the interactive panel casing.

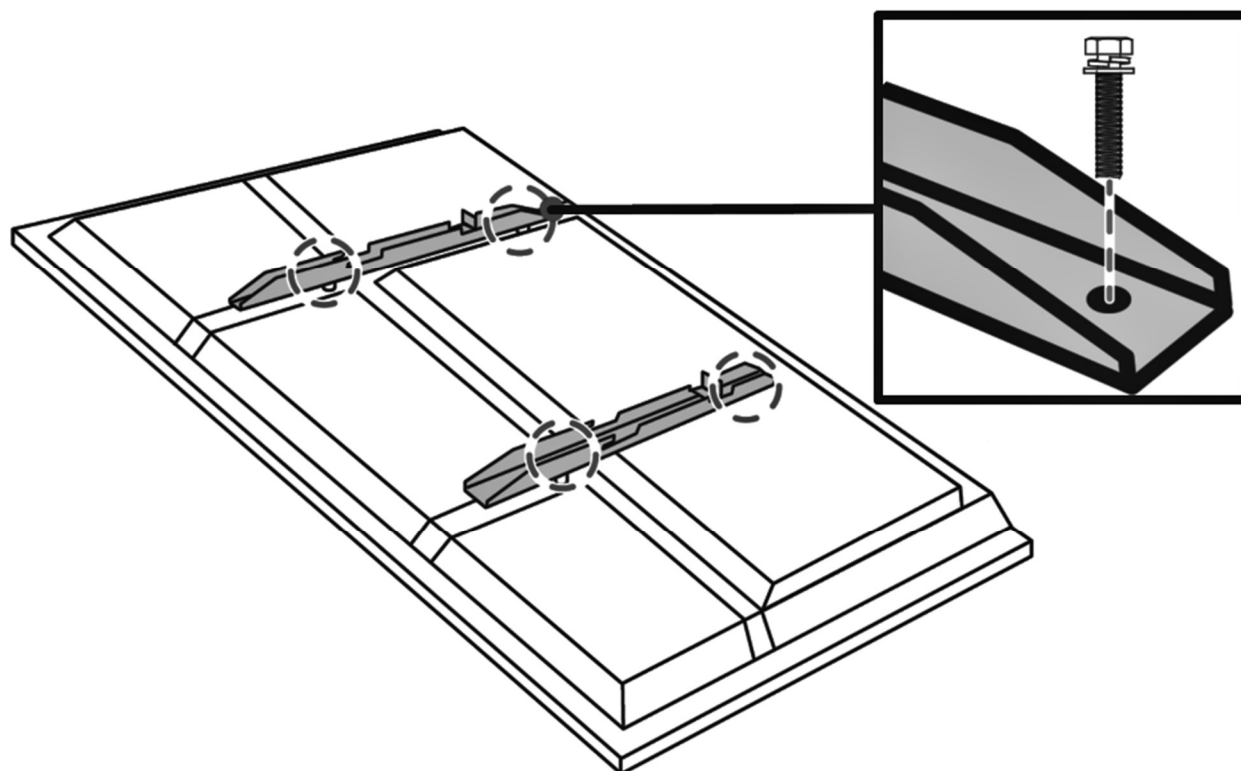


Figure 9 – Securing the vertical guides

Step 4. Place the mounting plate against the wall at the installation location. Align it with a spirit level parallel to the floor. While holding the plate, mark the drilling points through the mounting holes, as shown in the Figure below.

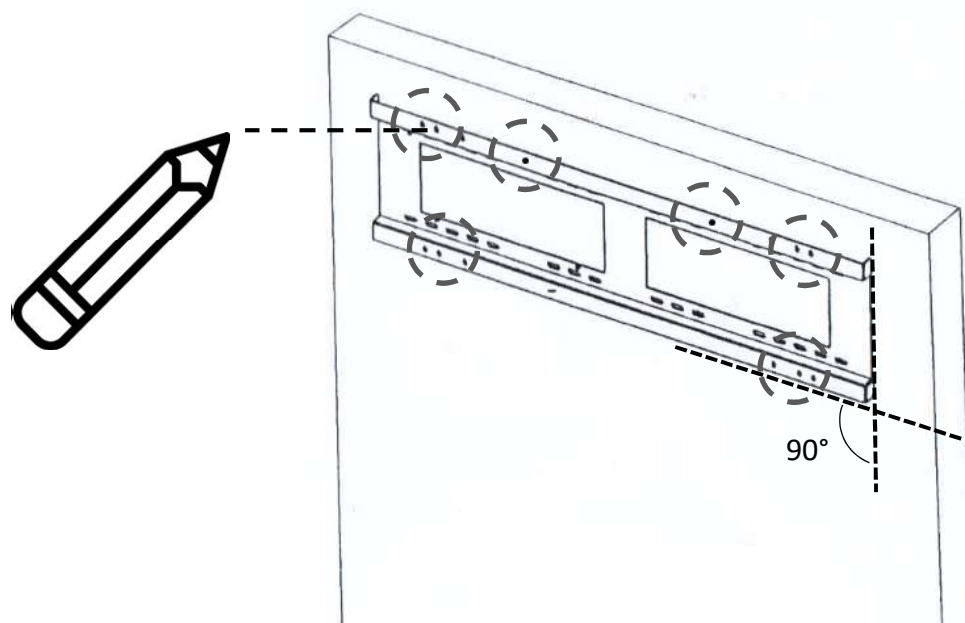


Figure 10 – Marking the mounting holes

Step 5. Drill holes at the marked points. The depth of the holes must match the length of the dowels. Insert the dowels fully into the resulting holes, as shown in the Figure below.

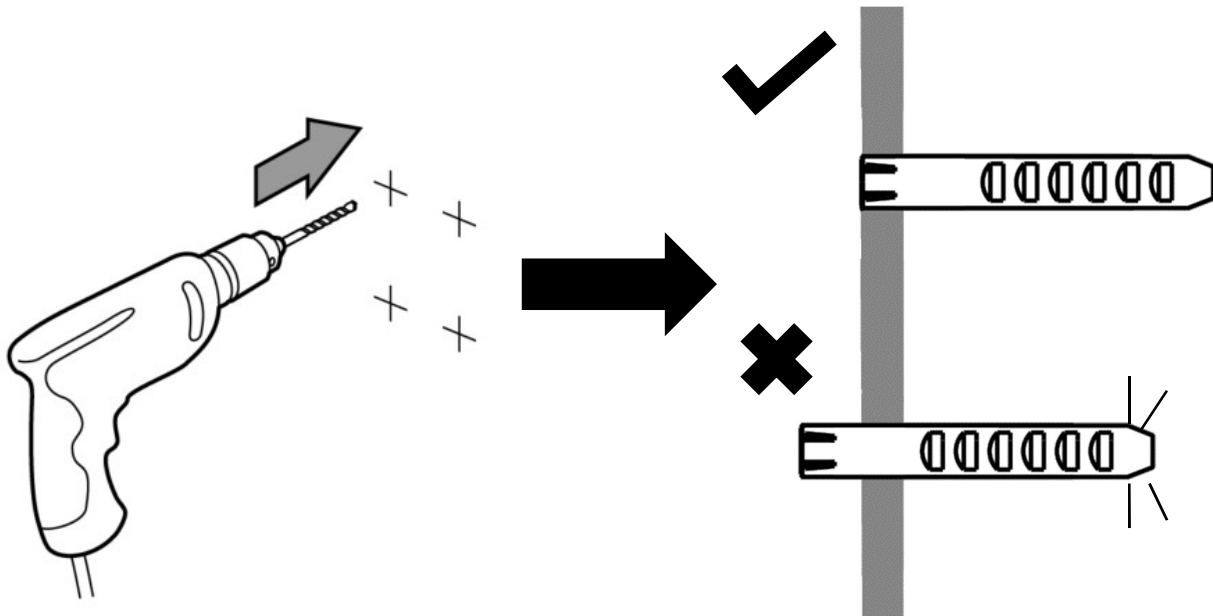


Figure 11 – Drilling holes and installing dowels

Step 6. Align the holes in the mounting plate with the holes in the wall. While holding the plate, screw the self-tapping screws into the dowels through the washers, as shown in the Figure below.

ATTENTION! Make sure the self-tapping screws are securely tightened and fully seated in the dowels.

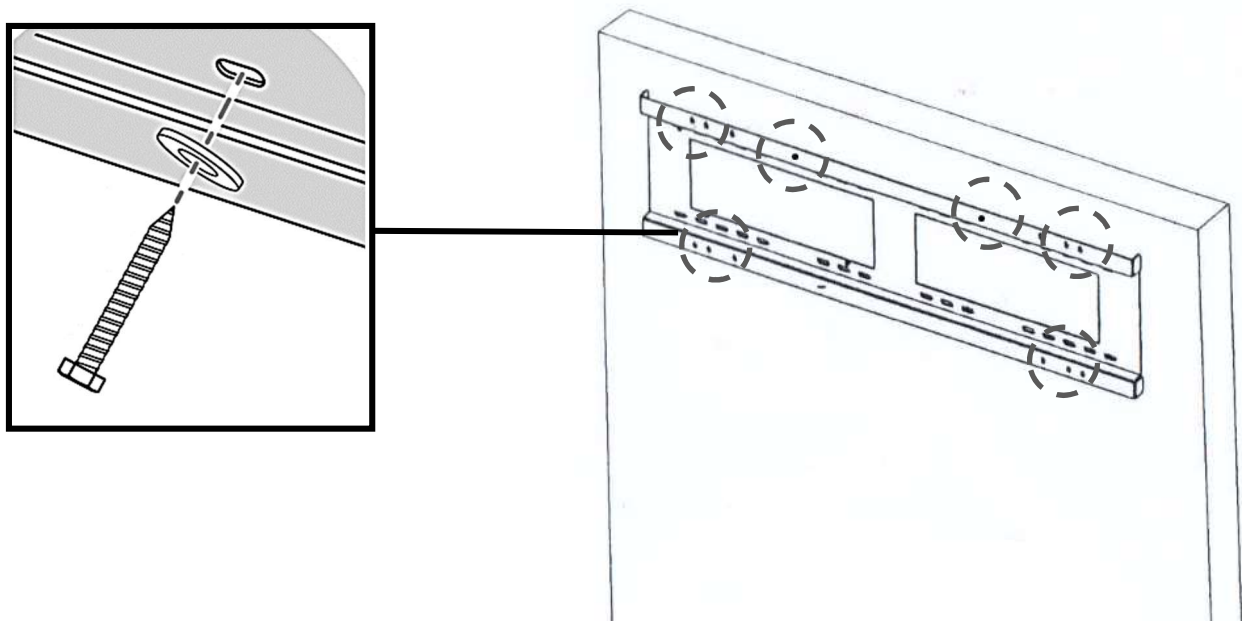


Figure 12 – Installing the mounting plate

Step 7. Install the interactive panel by aligning the vertical guides with the mounting plate, as shown in the Figure below.

NOTE. Maintain symmetry when mounting the interactive panel to evenly distribute its weight on the wall mount.

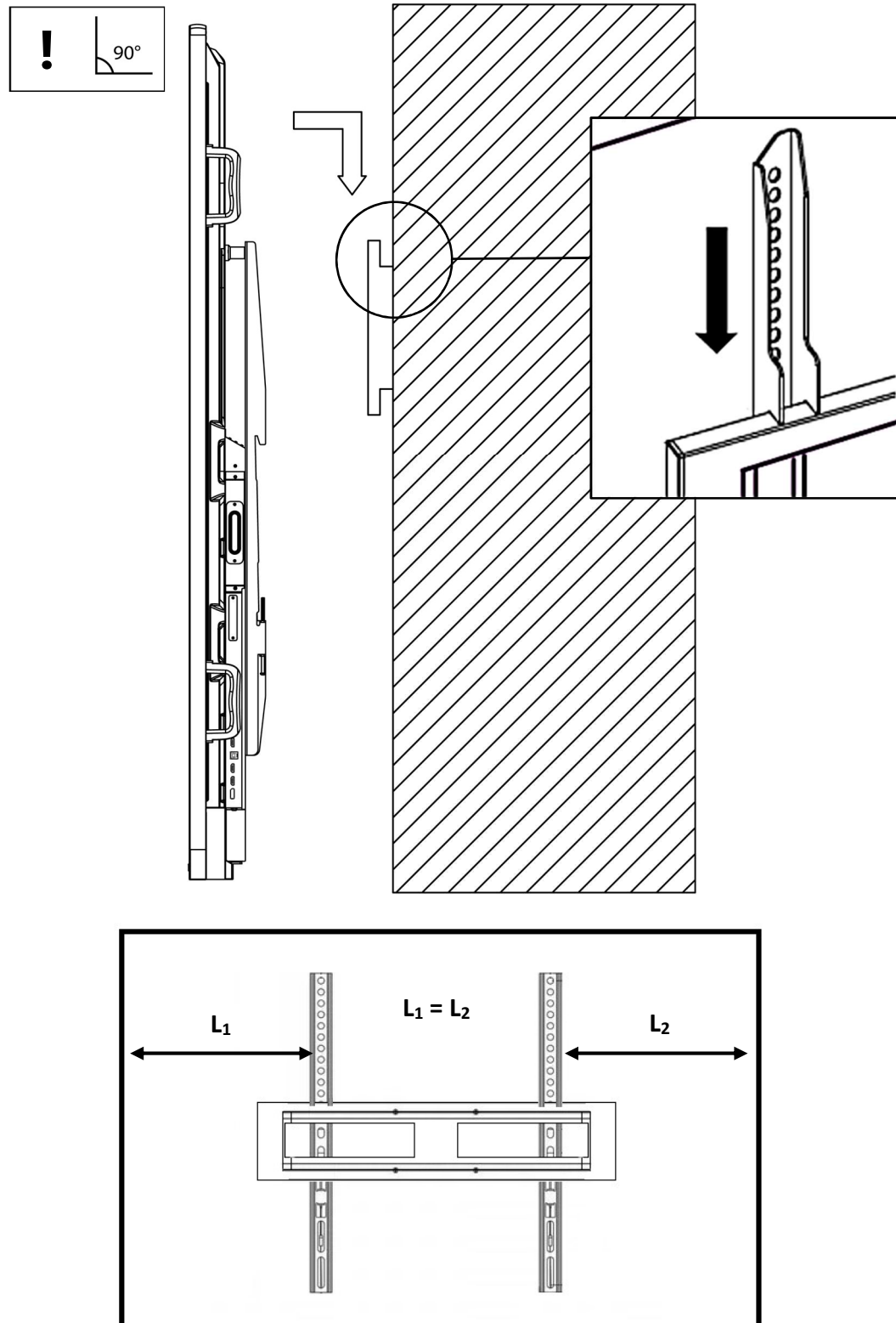


Figure 13 – Installing the interactive panel on the mounting plate

Step 8. Additionally, secure the device to the mounting plate with screws and spring washers by inserting them into the holes in the protrusions of the vertical guides, as shown in the Figure below.

ATTENTION! Make sure the screws are securely tightened and fully seated in the mounting holes.

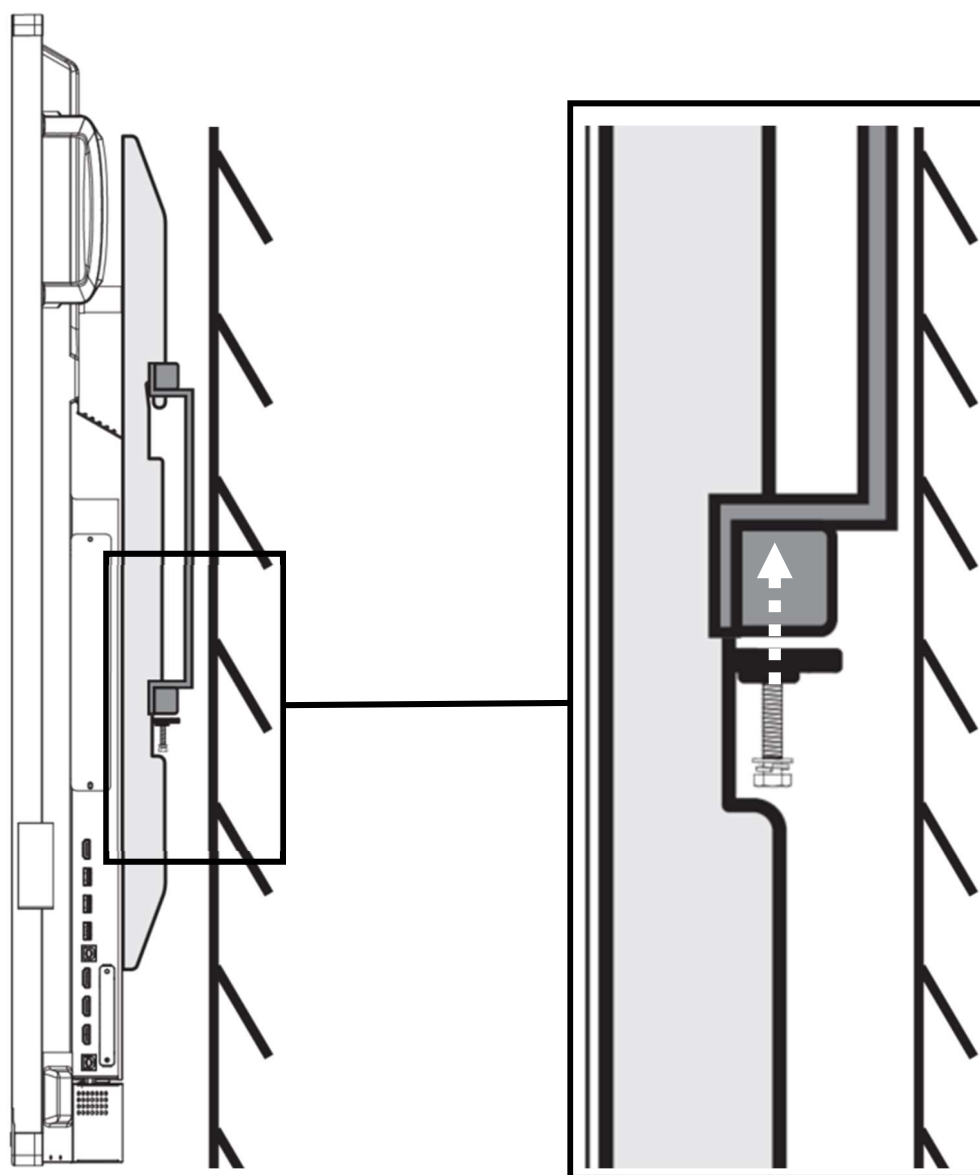


Figure 14 – Additional securing of the interactive panel

2.2 Connecting external devices

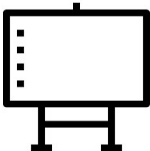
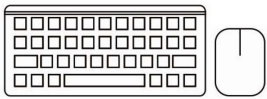
The interactive panel is equipped with ports for connecting various external devices and also supports wireless connection. Additional information is provided below.

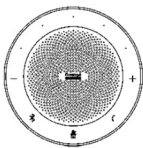
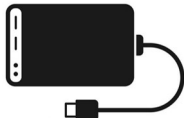
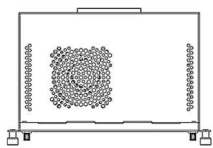
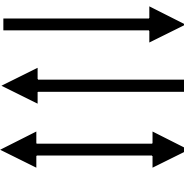
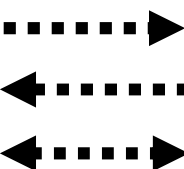
NOTE. External devices are not included in the package.

ATTENTION! Connect external devices only to the interactive panel that is disconnected from the power supply, in accordance with the purpose of the ports (for details, see subsection 1.2).

NOTE. Use only original certified cables, as the quality of the signal depends on the characteristics of the cable. See subsection 1.6 for the list of included cables.

Table 11 – Symbols used to describe operation when connecting external devices

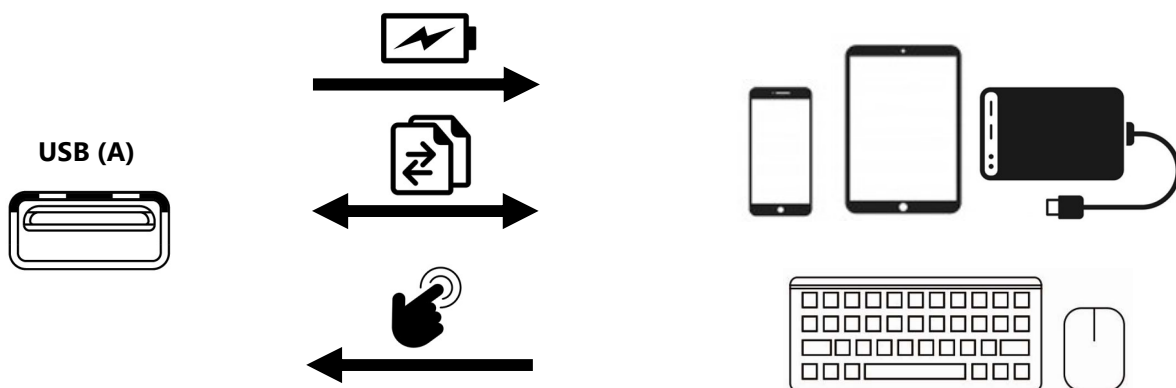
Symbols Description	Description
	Mobile devices (smartphone, tablet)
	External monitor
	External audio output device (headphones)
	External audio output device (speaker system)
	Network router
	Interactive Whiteboard
	Input devices (keyboard, mouse)

Symbols Description	Description
	Communication device (speakerphone)
	External data storage
	Laptop, desktop computer
	Mini computer
	Battery charging, powering external devices
	Directions of signal transmission between devices during wired connection (outgoing, incoming, bidirectional transmission)
	Directions of signal transmission between devices during wireless connection (outgoing, incoming, bidirectional transmission)
	File transfer for processing and storage
	Digital audio signal
	Digital video signal
	Analog audio signal
	Analog video signal

Symbols Description	Description
	Control signal for the interactive panel
	Control signal for the external device
	Wired network data transmission
	Wireless network data transmission

2.2.1 Wired connection of external devices

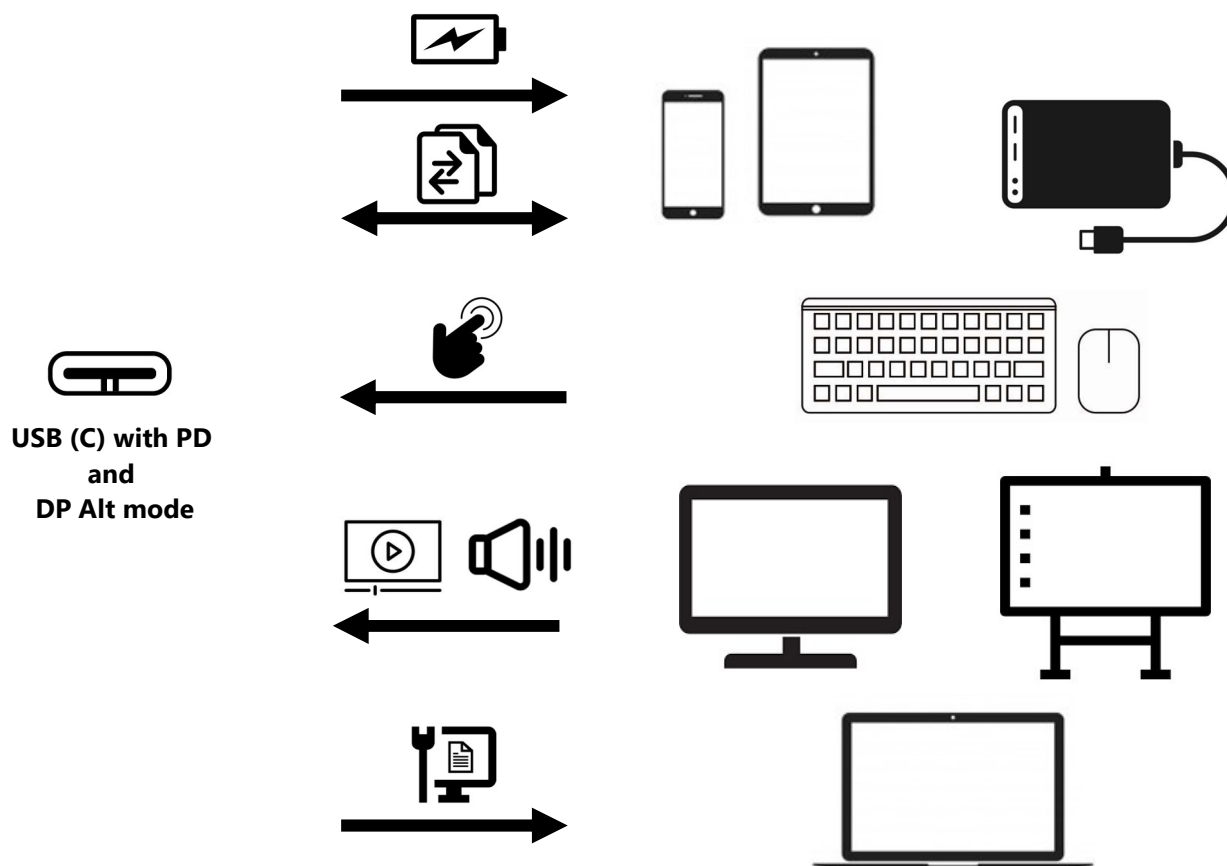
The USB (A) port allows connecting external input/output devices (for example, keyboard, tablet, external data storage), exchanging data using the OS file manager, and also provides power to connected devices.



The USB (C) port with PD and DP Alt Mode allows connecting external input/output devices (for example, keyboard, tablet, external data storage), exchanging data using the OS file manager, receiving digital audio and video signals from compatible external devices, providing Internet access to compatible external devices, and also provides power to connected devices.

NOTE. PD support expands the power supply capabilities of compatible external devices.

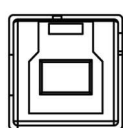
NOTE. To provide Internet access, use the "Share Network (via USB)" function (for details, see section 3.3.1).



The USB (B) Touch port allows transmitting touch data from the interactive panel touchscreen to an external device (for example, a laptop). After connection, the desktop of the external device is displayed on the interactive panel screen, and control of the external device is performed using the panel touchscreen.

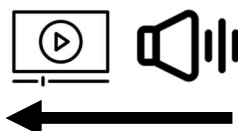
NOTE. The USB (B) cable transmits only sensor data. To transmit audio and video signals, an HDMI or DP cable must also be connected.

USB (B) Touch

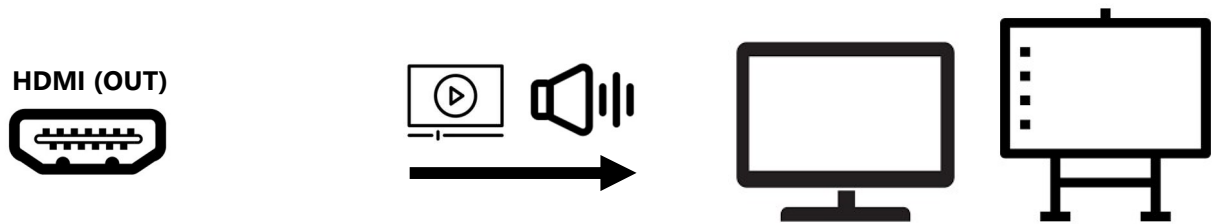


The HDMI (IN) port allows receiving digital audio and video signals from an external device (for example, a laptop, another interactive panel).

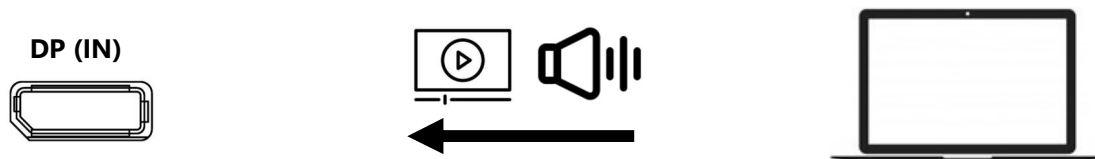
HDMI (IN)



The HDMI (OUT) port allows transmitting digital audio and video signals to an external device (for example, a monitor, another interactive panel).



The DP (IN) port allows receiving digital audio and video signals from an external device (for example, a laptop).



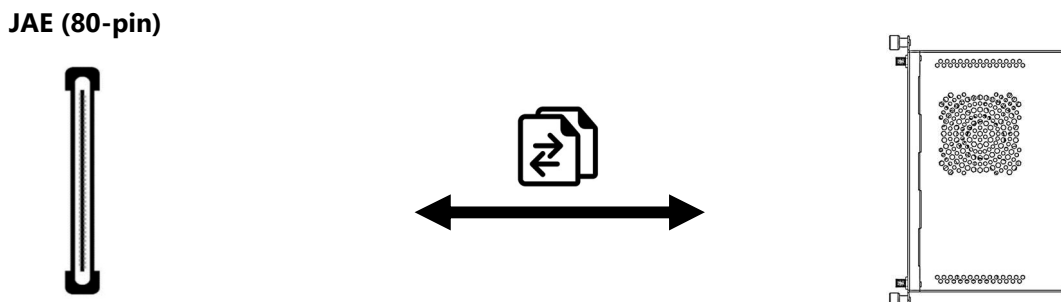
The VGA (IN) port allows receiving analog video signals from an external device (for example, a desktop computer).



The RS232 (IN) port allows receiving control commands from an external device (for example, a desktop computer).



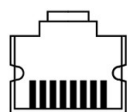
The JAE (80 pin) port allows connecting a mini computer for using the Windows OS (for details, see section 3.3.6).



ATTENTION! Use only mini computers recommended by the manufacturer (PSMB528K001, PSMB528K002 models) for this interactive whiteboard.

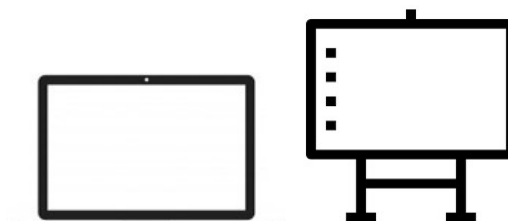
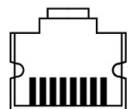
The LAN (IN) port allows connecting the interactive panel to a local network and the Internet via a wired connection.

LAN (IN)



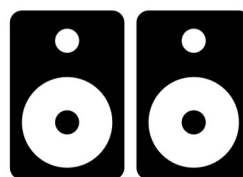
The LAN (OUT) port provides access to the local network and the Internet for external devices via a wired connection (for example, a laptop, another interactive panel).

LAN (OUT)



The S/PDIF (OUT) port allows transmitting digital audio signals to an external device (for example, a speaker system).

S/PDIF (OUT)



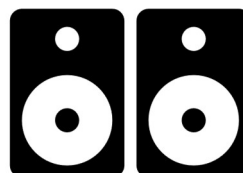
The AUDIO (IN) port allows receiving analog audio signals from an external device (for example, a laptop, tablet).

AUDIO (IN)



The AUDIO (OUT) port allows transmitting analog audio signals to an external device (for example, a speaker system).

AUDIO (OUT)



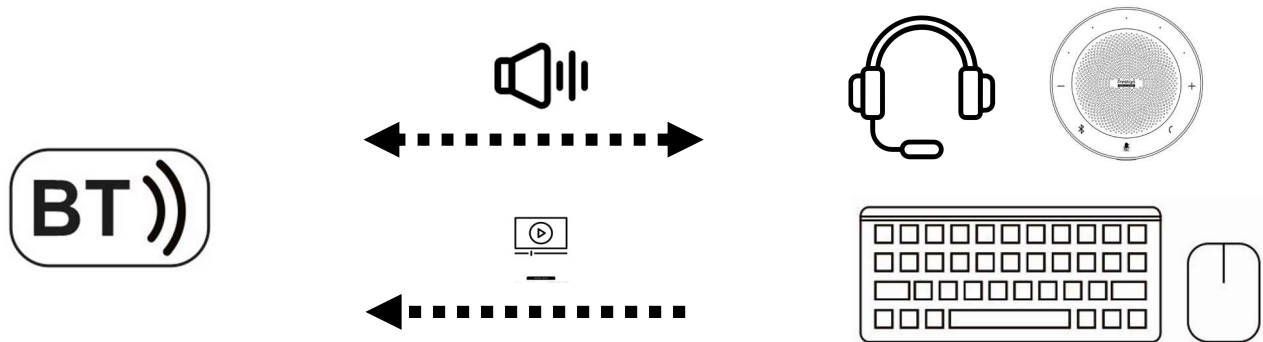
The MIC (IN) port allows receiving analog audio signals from a microphone.

MIC (IN)



2.2.2 Wireless connection of external devices

The BT module provides wireless connection of external devices to the interactive panel and allows controlling it via wireless input devices (for example, keyboard, mouse). Connection setup is performed through the OS menu (see section 3.3.1). The BT range depends on the technical specifications of the interactive panel (no more than 10 meters) and the connected external device.



The Wi-Fi module provides wireless connection of the interactive panel to a local network and the Internet, is used for updating the OS and applications, and for interaction with other devices. Connection setup is performed through the OS menu (see section 3.3.1). The Wi-Fi range depends on the technical specifications of the interactive panel and the connected external device.



2.3 Connecting the interactive panel to the power supply

ATTENTION! Do not use homemade, damaged, or uncertified power cables to connect the device to the power supply.

After connecting all necessary external devices, connect the power cable with a suitable plug to the interactive panel, then insert the plug into the socket, as shown in the Figure below.

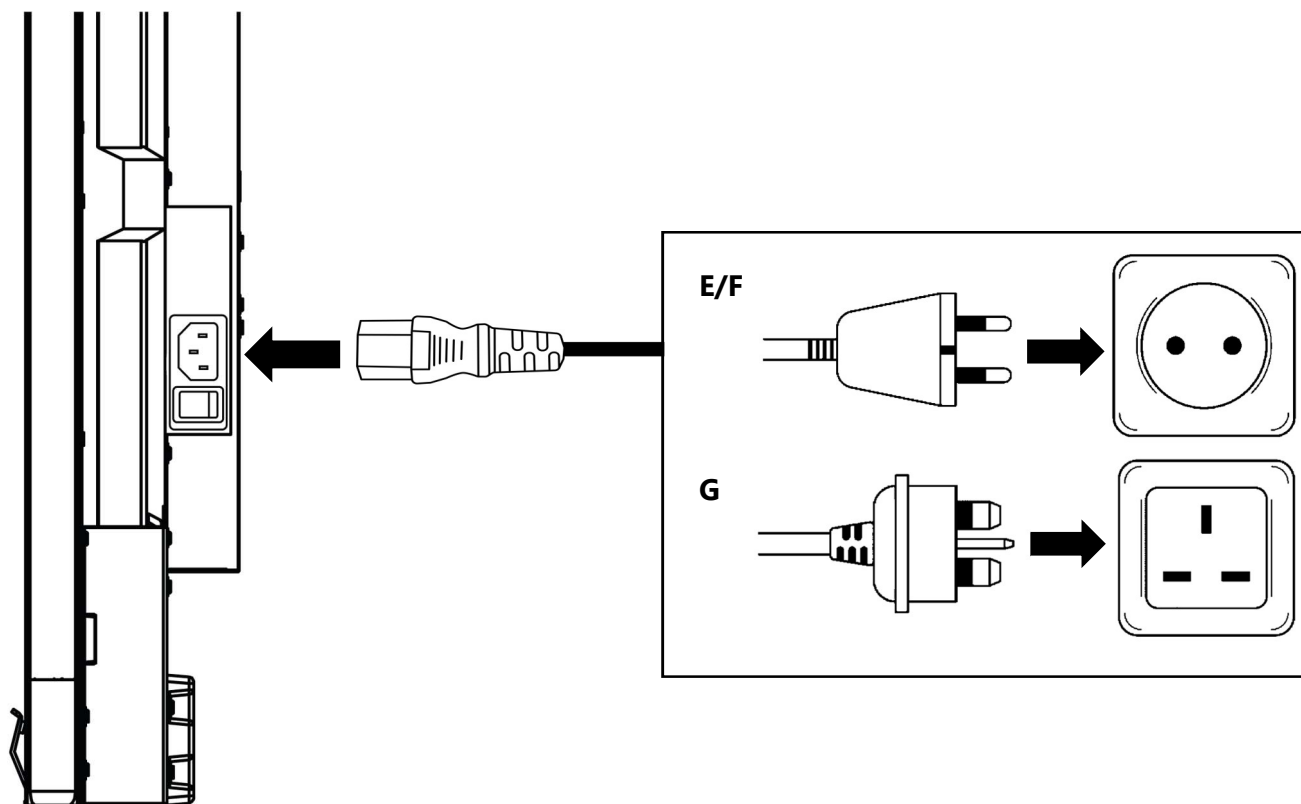


Figure 15 – Connecting the interactive panel to the power supply

2.4 First power-on

After installing the interactive panel, connecting the necessary external devices, and connecting it to the power supply (see subsections 2.1, 2.2, and 2.3), do the following:

Step 1. Set the power switch to the **I** ("On") position. The power button indicator will light up red (see figures 2, 3).

Step 2. Press the power button on the device casing or the button  on the remote control. The power button indicator will light up white. Wait for the Android OS interface to appear on the screen.

The main page of the Android OS displays application icons, the Google search bar, the status bar (area displaying time, notifications, system icons), and the navigation bar. To navigate to additional Android OS pages, swipe your finger left or right on the screen. Additional pages may also display application icons and widgets. Swiping right on the main Android OS page opens a feed with news, weather forecast, and personalized Google recommendations for your account.



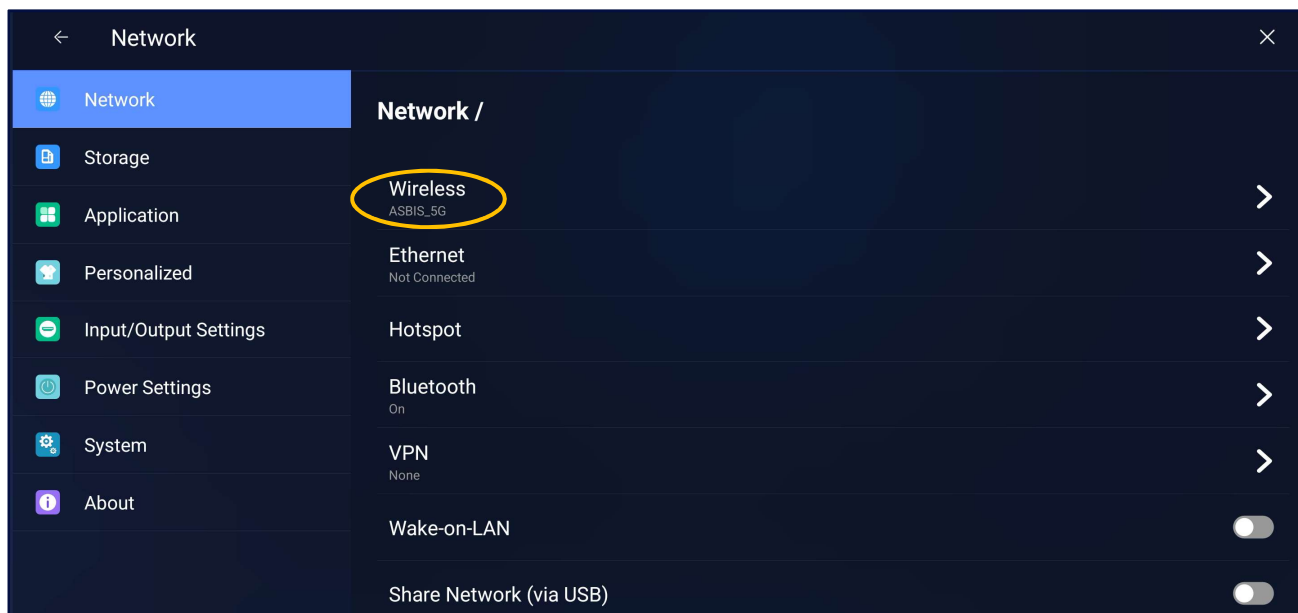
Figure 16 – Main page of the Android OS

Table 12 – Purpose of the navigation bar buttons on the Android OS main page

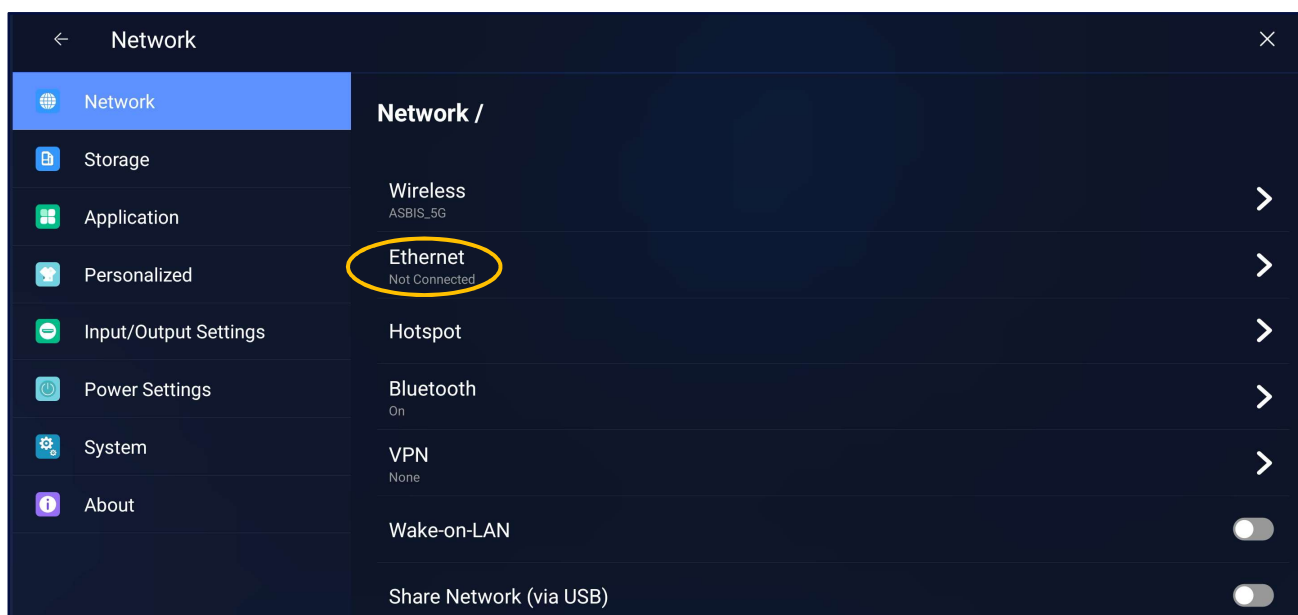
Button	Intended use
	Return to the previous page
	Go to the Android OS home page
	Open the list of running applications

Step 3. To access the Internet, use a wireless (via Wi-Fi) or wired (via the LAN (IN) port) connection:

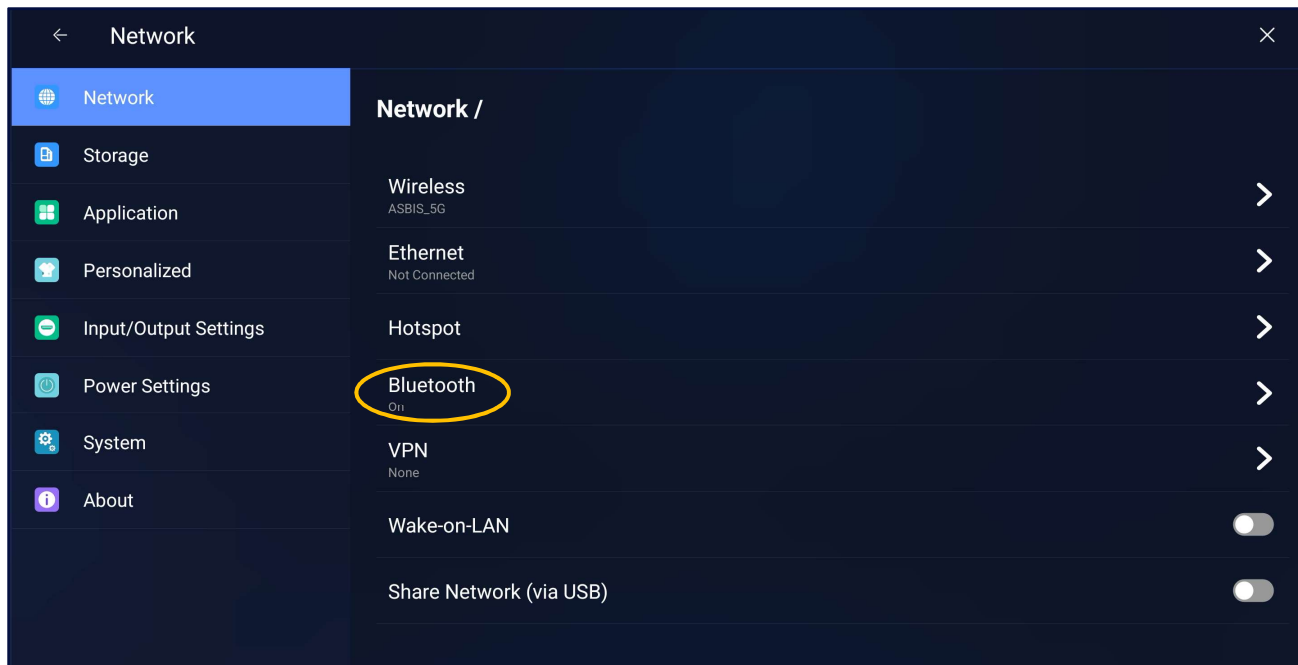
- For a wireless Wi-Fi connection, open the system application  "IFPD Settings", select the "Network" tab, and the "Wireless" line (see the Figure below). Turn on Wi-Fi using the switch on the screen. In the list that appears, select the required network and tap "Connect".



- For a wired LAN connection, open the system application  "IFPD Settings", select the "Network" tab, and the "Ethernet" line (see the Figure below). Connect the network cable (not included) to the LAN (IN) port on the interactive whiteboard and to the router/network outlet. Activate the "Ethernet" item using the switch on the screen. The Internet connection will be established automatically.



Step 4. If necessary, connect external wireless devices (keyboard, mouse, microphone, etc.) via BT. To do this, open the system application  "IFPD Settings", select the "Network" tab. Select the corresponding line (see the Figure below) and turn on BT using the switch on the screen. In the list that appears, select the required external device and pair it (see also the instructions for the external device being connected).



Step 5. Check for and install available OS updates (see section 3.3.4).

NOTE. This step can be skipped and performed later.

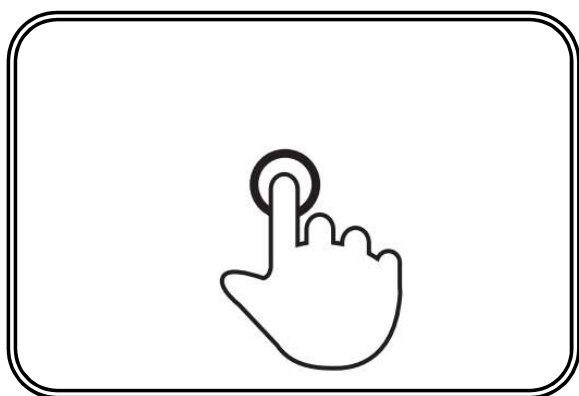
3 Operation

After completing the initial setup, you can proceed with further OS configuration, working with applications, and using the interactive whiteboard functions.

3.1 Touch control of the interactive whiteboard

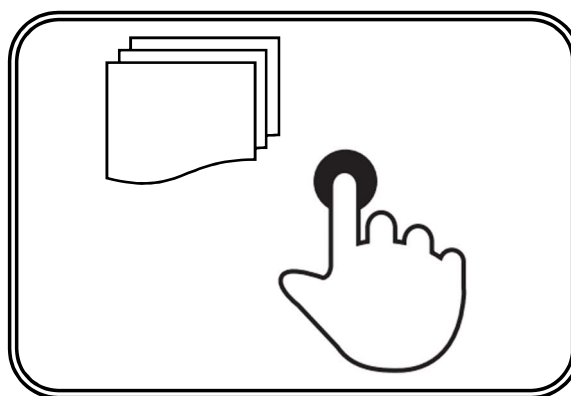
The interactive whiteboard is primarily controlled by tapping and moving objects on the touchscreen. You can control the device using finger gestures or a capacitive stylus with a rubber tip (not included). The main ways to control objects on the screen are described below:

Tapping



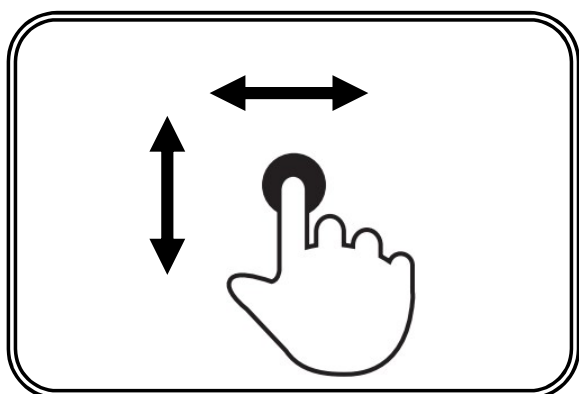
Tap the required object to activate it (launch an application, select a menu option, etc.).

Tap and hold



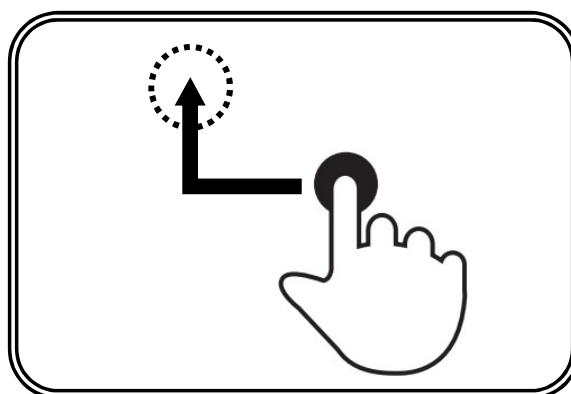
Tap and hold the required object to access the options menu.

Scrolling

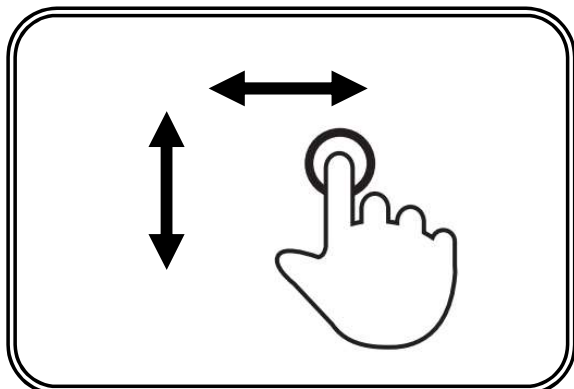


Hold your finger on text, a scroll slider, etc., and drag it across the screen to scroll the page.

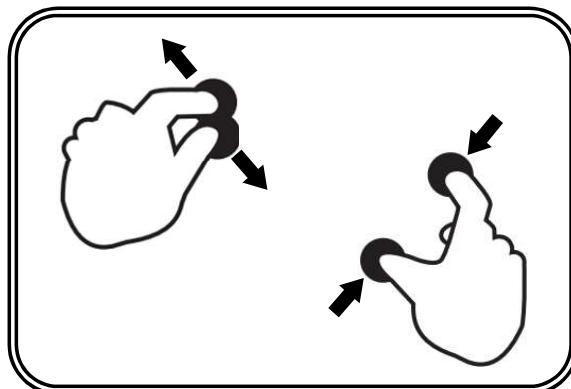
Moving



Hold your finger on an object (application icon, file, etc.) and move it to another location on the screen.

Swiping

Swipe across the screen to move between OS pages or documents, open the quick settings menu (swipe down), the installed applications menu (swipe up), etc.

Scaling

Hold two fingers on the screen and spread or pinch them to zoom in or out on a web page, map, or image.

3.2 Controlling the interactive whiteboard with the remote control

You can use the remote control included with the package to control the interactive whiteboard. It allows you to switch the device between operating and standby modes, adjust the volume, switch signal sources, and perform other actions without directly interacting with the interactive whiteboard touchscreen.

3.2.1 Installing/replacing batteries in the remote control

NOTE. Batteries are not included.

To install or replace the batteries, do the following (see the Figure below):

Step 1. Remove the cover on the back of the remote control.

Step 2. Insert two AAA batteries or replace the existing ones, observing the polarity (see the marking on the remote control body).

Step 3. Close the cover.

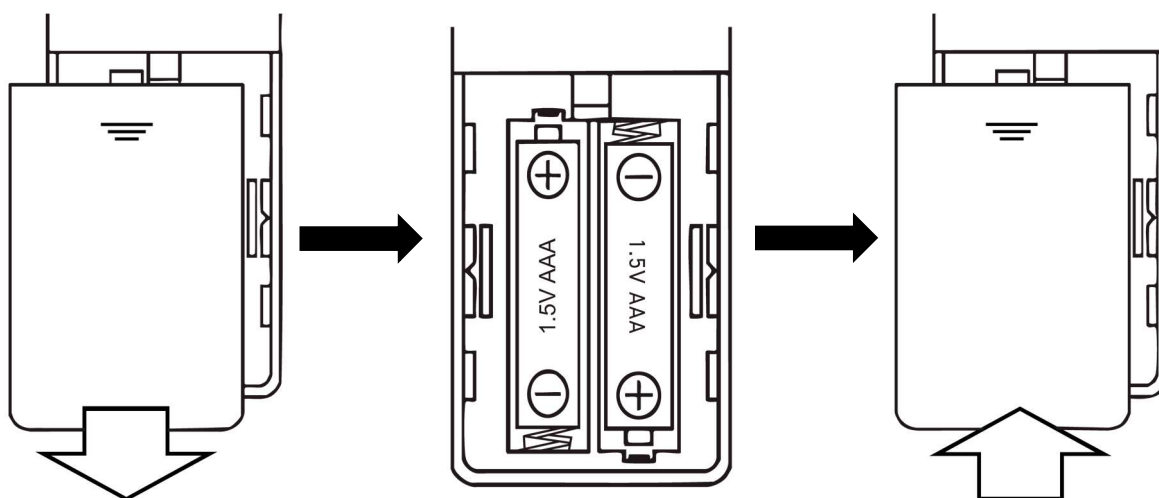


Figure 17 – Installing/replacing batteries in the remote control

ATTENTION! Do not install new and used batteries or batteries of different types at the same time.

NOTE. Replace the batteries when the remote control range decreases.

NOTE. Remove the batteries from the remote control if it will not be used for more than one month.

3.2.2 Using the remote control

When using the remote control, point it toward the IR receiver of the interactive whiteboard, as shown in the Figure below. There must be no obstacles between the remote control and the IR receiver. The remote control transmits a signal up to 8 meters away and at an angle of up to $\pm 30^\circ$ relative to the IR signal receiver of the interactive whiteboard.

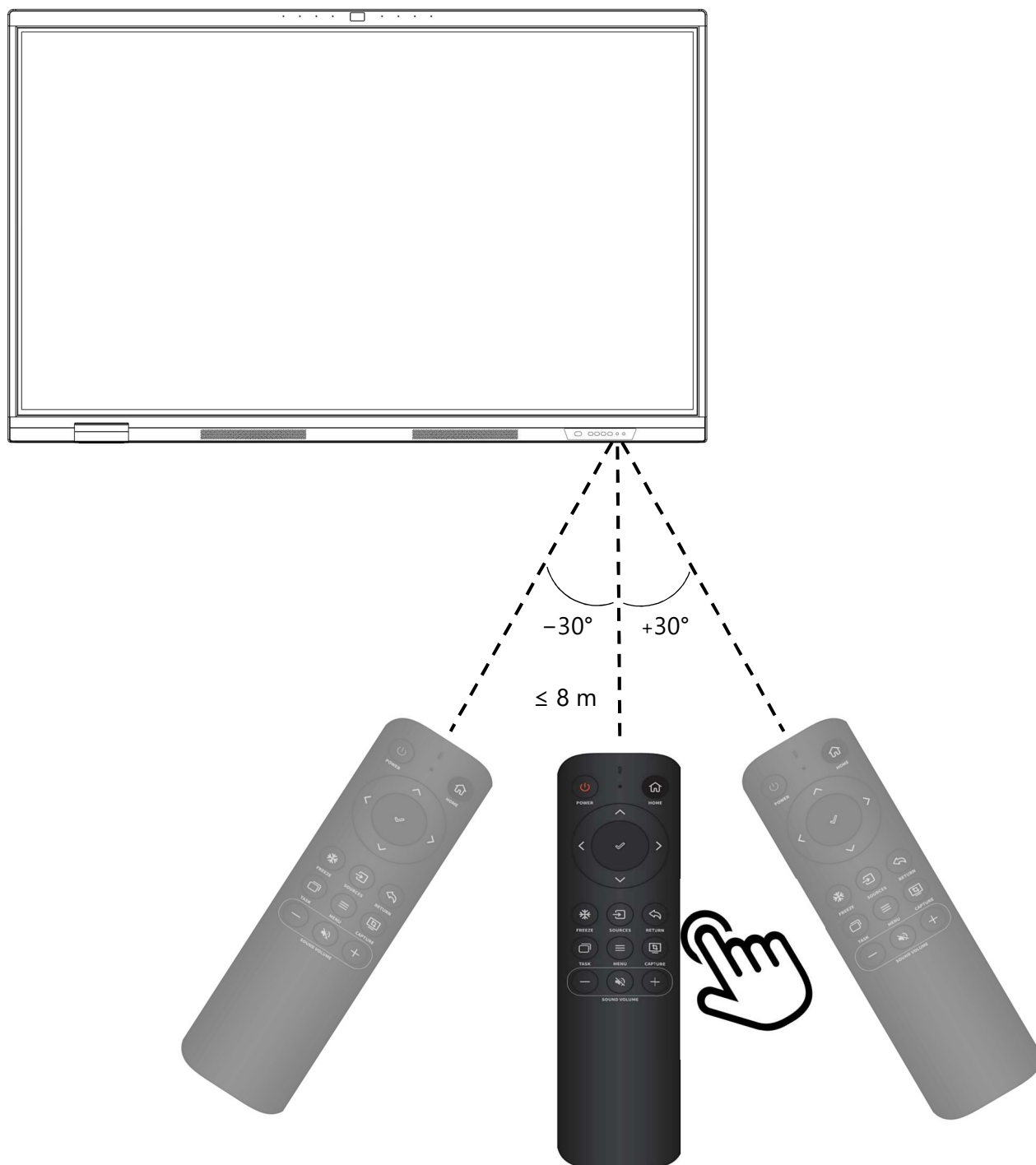
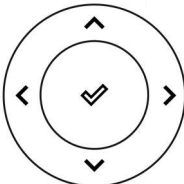


Figure 18 – Using the remote control

3.2.3 Purpose of the remote control buttons

Use the remote control buttons to control the interactive whiteboard according to their purpose (see the table below).

Table 13 – Purpose of the remote control buttons

Button	Intended use
 POWER	Turn on the device / put it in standby mode
 HOME	Go to the Android OS home page
	Navigate the menu, confirm the selected option
 FREEZE	Turn the "Freeze frame" function on/off
 SOURCES	Open the menu / exit the signal source menu
 RETURN	Return to the previous menu page
 TASK	Open the menu / exit the running applications menu
 MENU	Call menu / exit from the quick settings menu
 CAPTURE	Screenshot

Button	Intended use
	Adjust the volume, turn the sound on/off

3.3 Configuring the interactive whiteboard

Two system applications are available for configuring the interactive whiteboard:

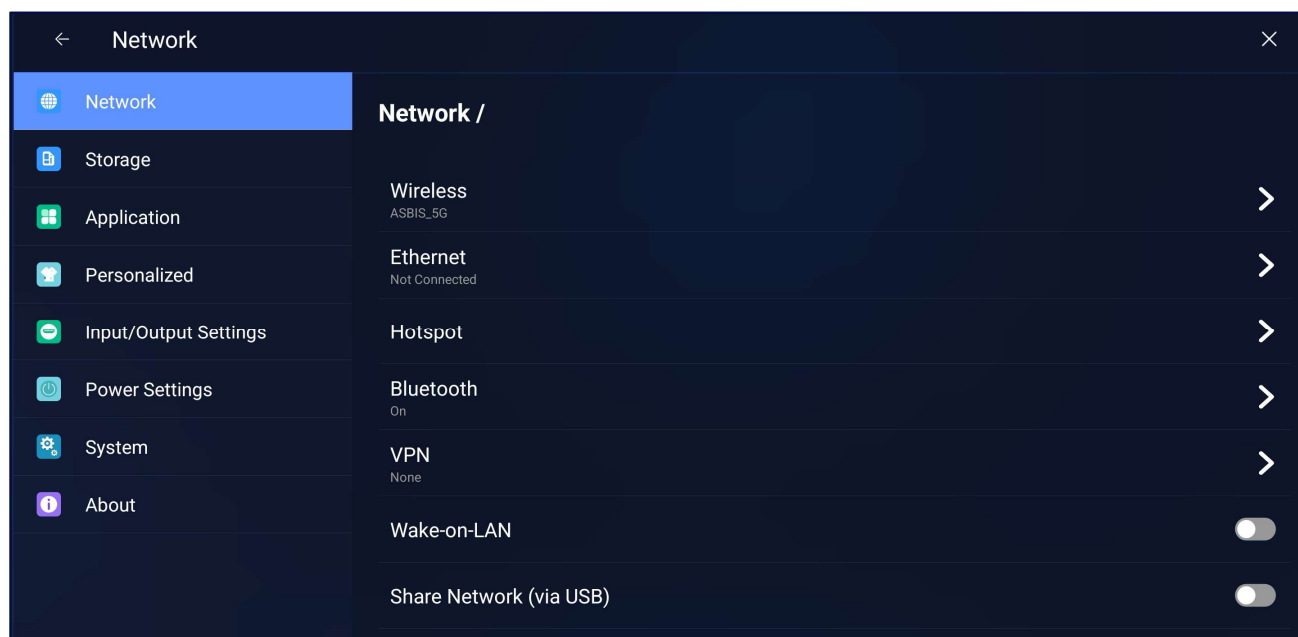
-  "IFPD Settings";
-  "Settings".

NOTE. Some settings may be available in both the "IFPD Settings" and "Settings" applications.

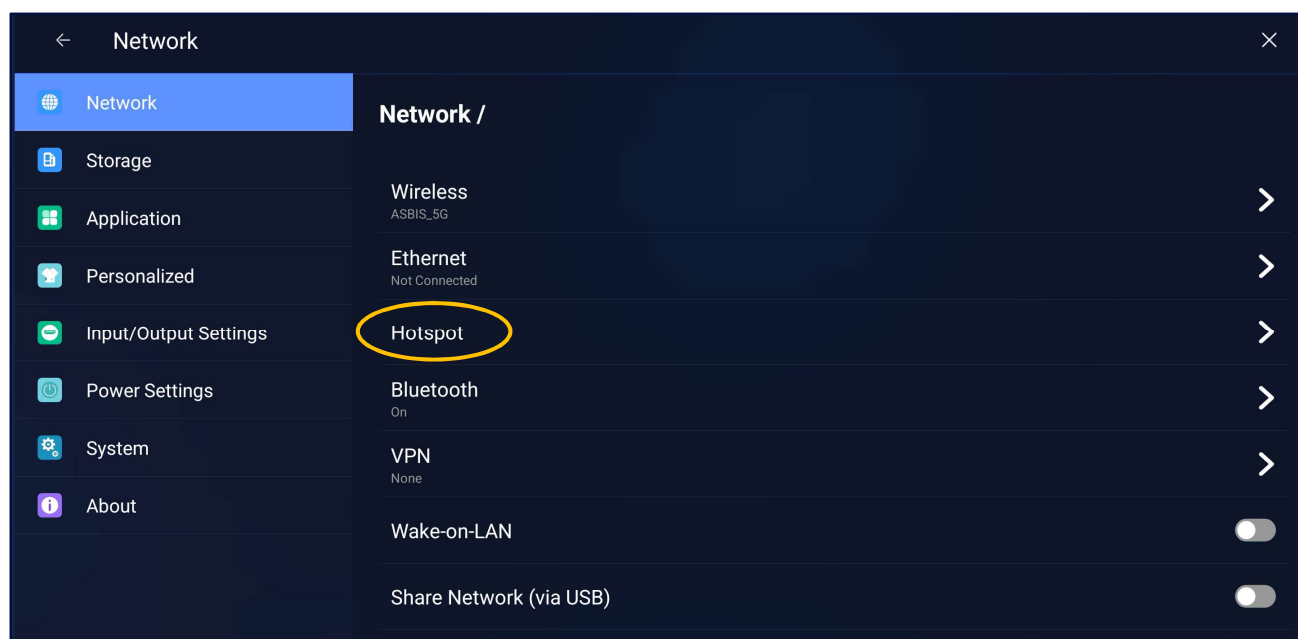
For quick access to the main device functions and settings, use the quick settings menu and panel (see section 3.3.3).

3.3.1 Configuring the device in the "IFPD Settings" application

"Network" – configure network settings (Wi-Fi, Ethernet, BT), VPN, and hotspot. Allows you to turn on the interactive whiteboard remotely over the network and provide Internet access to compatible external devices via the USB (C) port on the front of the panel (see the Figure below).

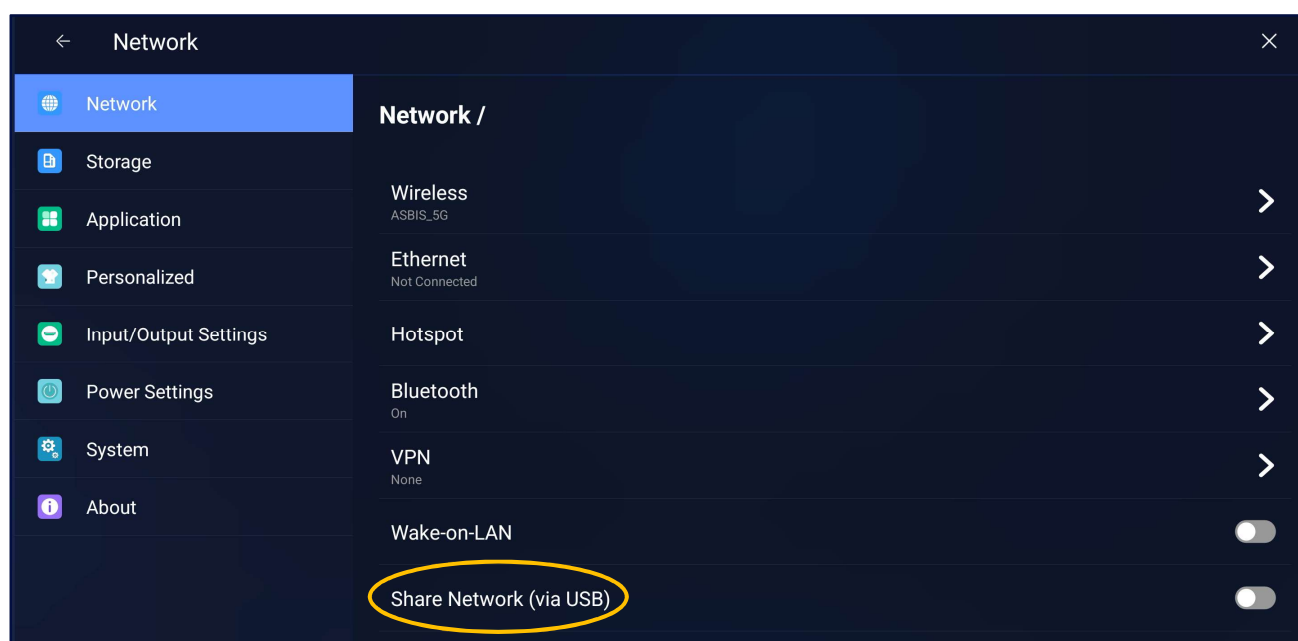


The interactive whiteboard can also be used as a Wi-Fi hotspot for external devices nearby. To do this, open the system application  "IFPD Settings", select the "Network" tab, and the "Hotspot" line, as shown in the Figure below, then activate the corresponding function using the switch on the screen.

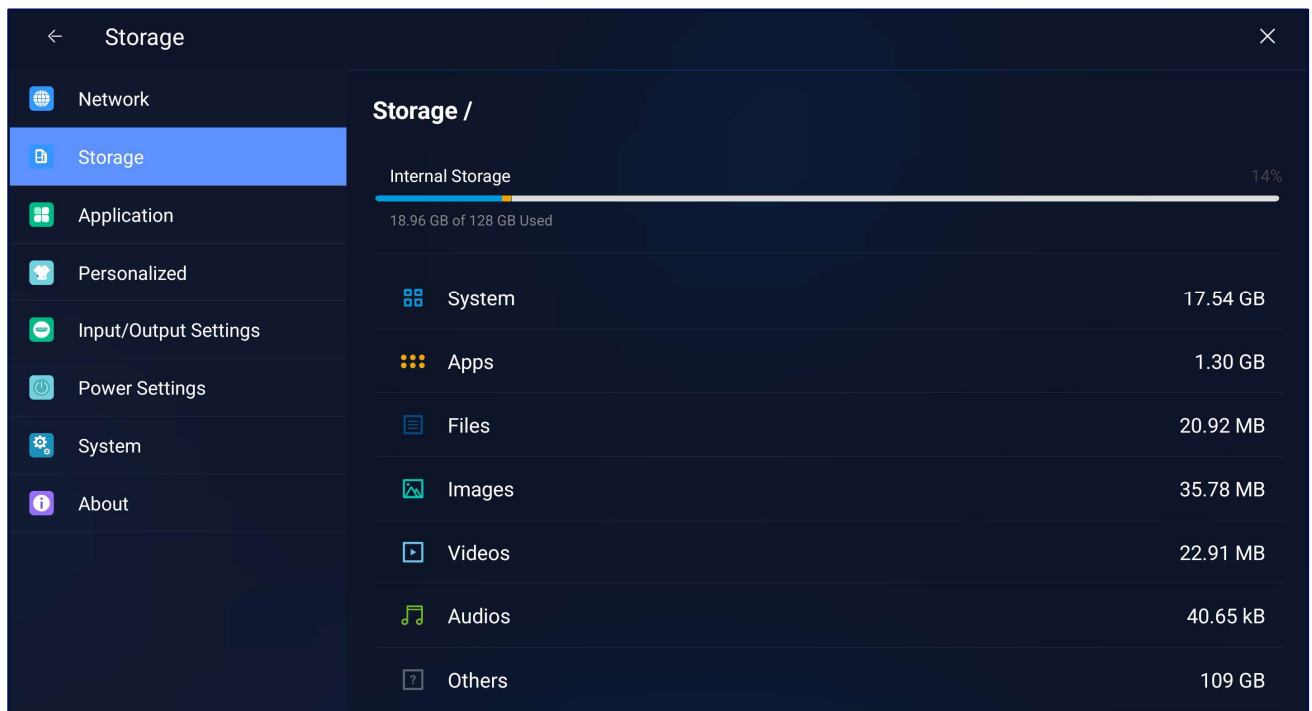


In the "Network" tab, you can also turn on the "Share Network (via USB)" function using the switch on the screen, as shown in the Figure below. This function provides Internet access to compatible external devices connected via the USB (C) port on the front of the interactive whiteboard.

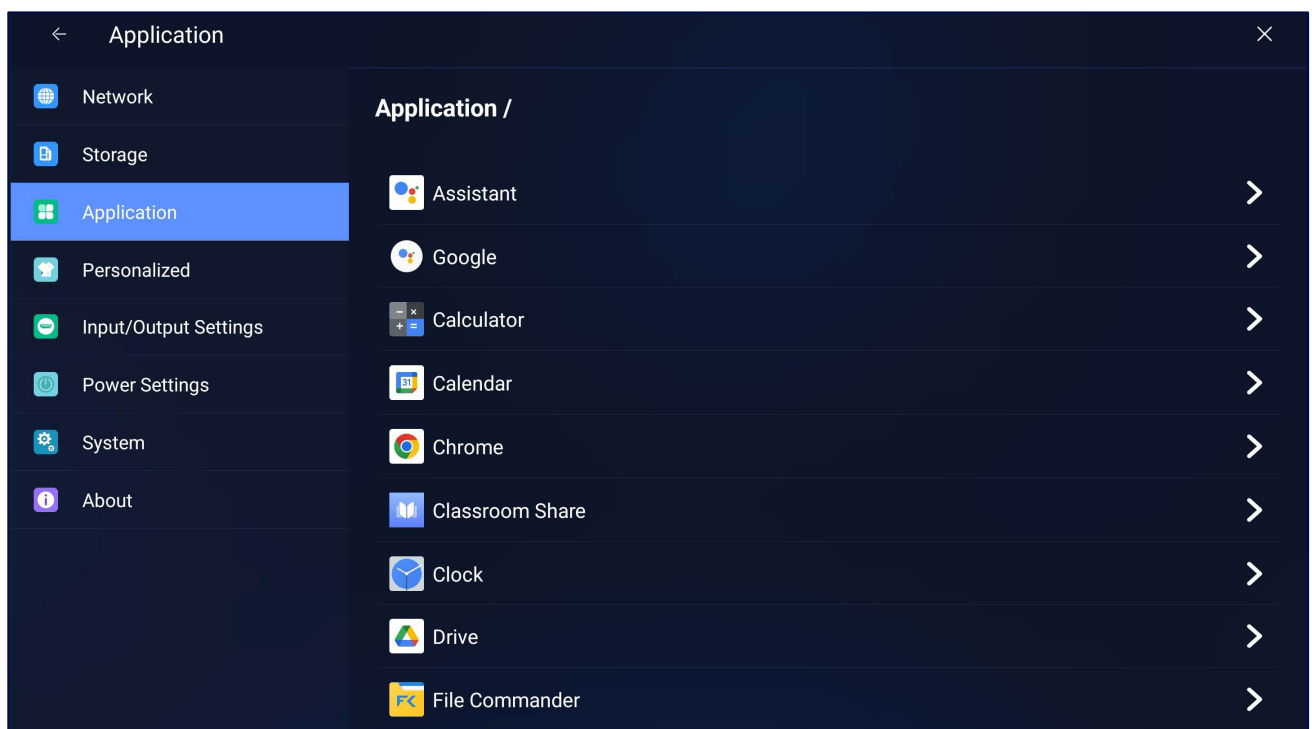
NOTE. To provide Internet access to compatible external devices, use the USB (C) port with PD and DP Alt Mode.



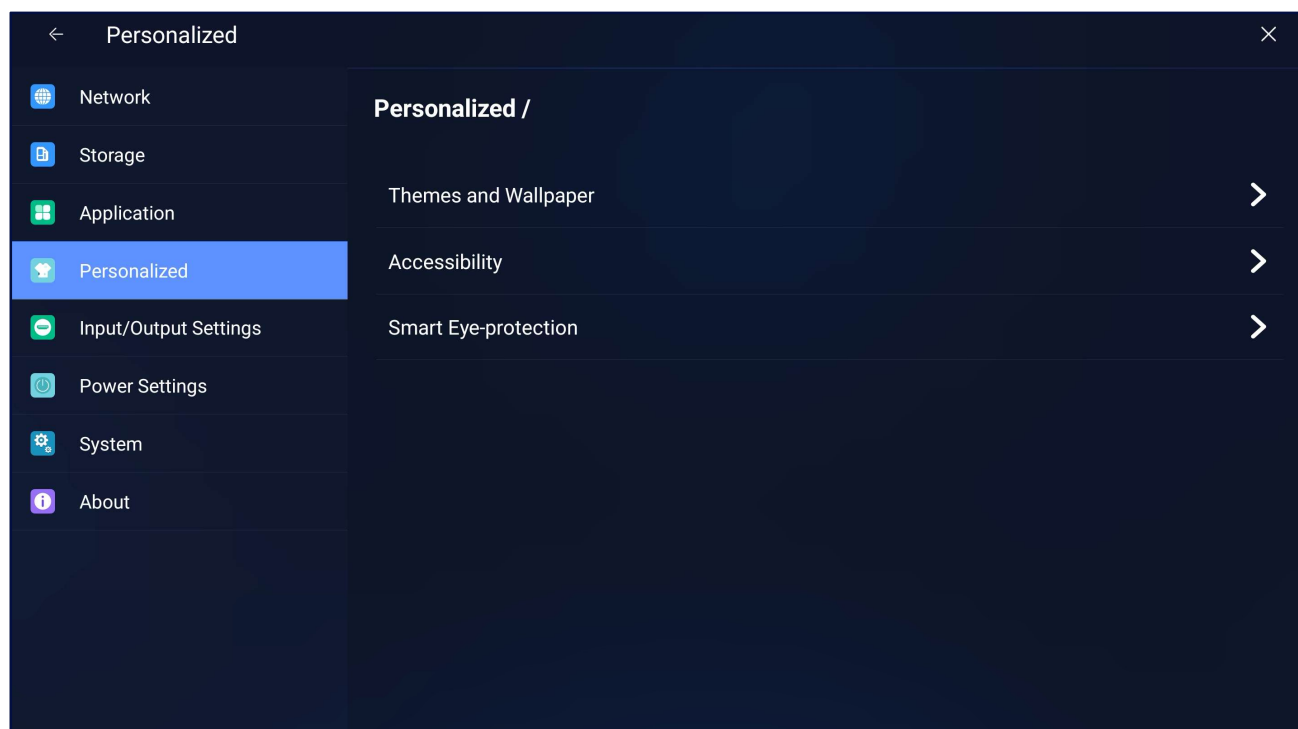
“Storage” – view information about the available and used device memory (see the Figure below).



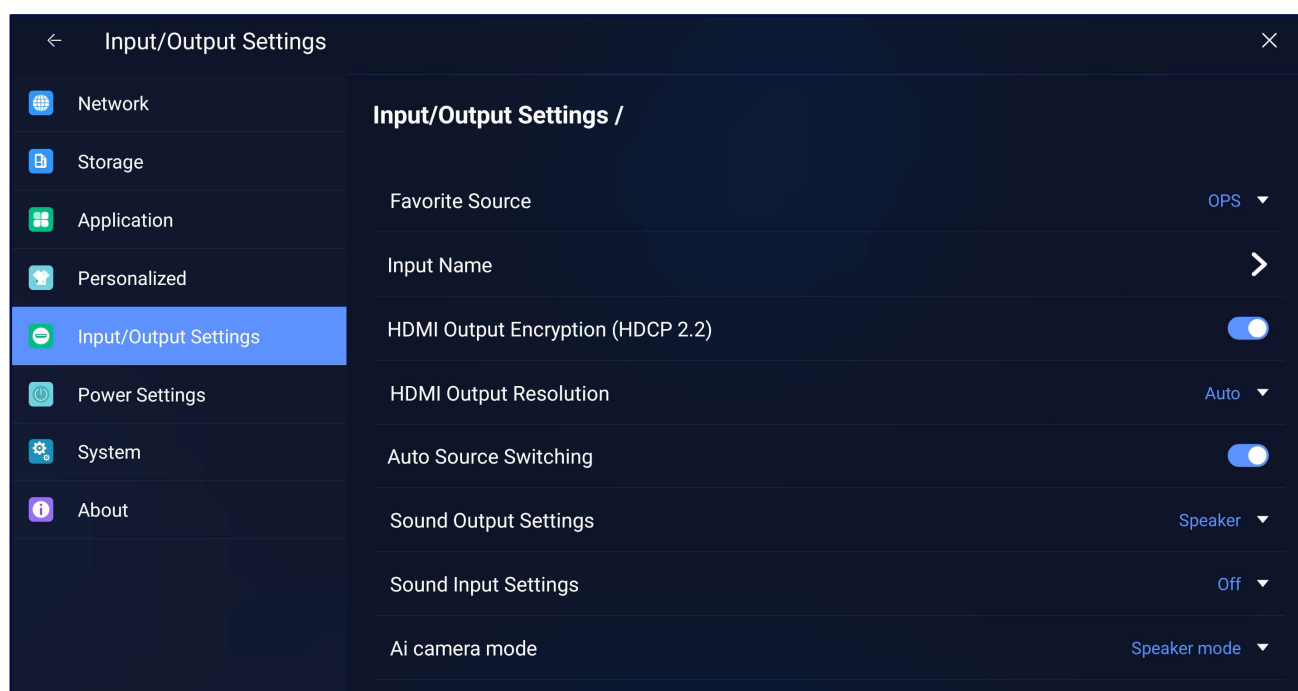
“Application” – manage installed applications and their settings (see the Figure below).



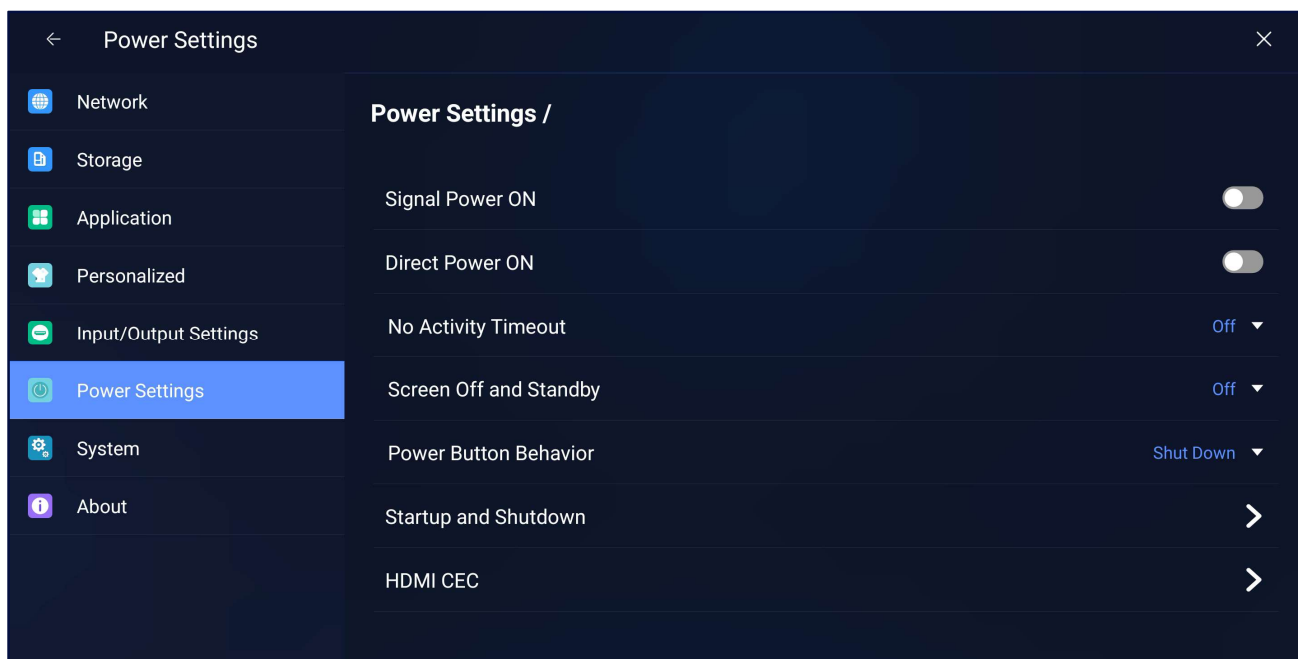
“Personalized” – configure themes, home screen wallpapers, and accessibility options (activate the navigation bar, floating and side quick settings panels), enable eye protection mode and blue light filter (see the Figure below).



“Input/Output Settings” – configure signal sources, HDMI parameters, audio inputs and outputs, and built-in camera parameters if available (see the Figure below).

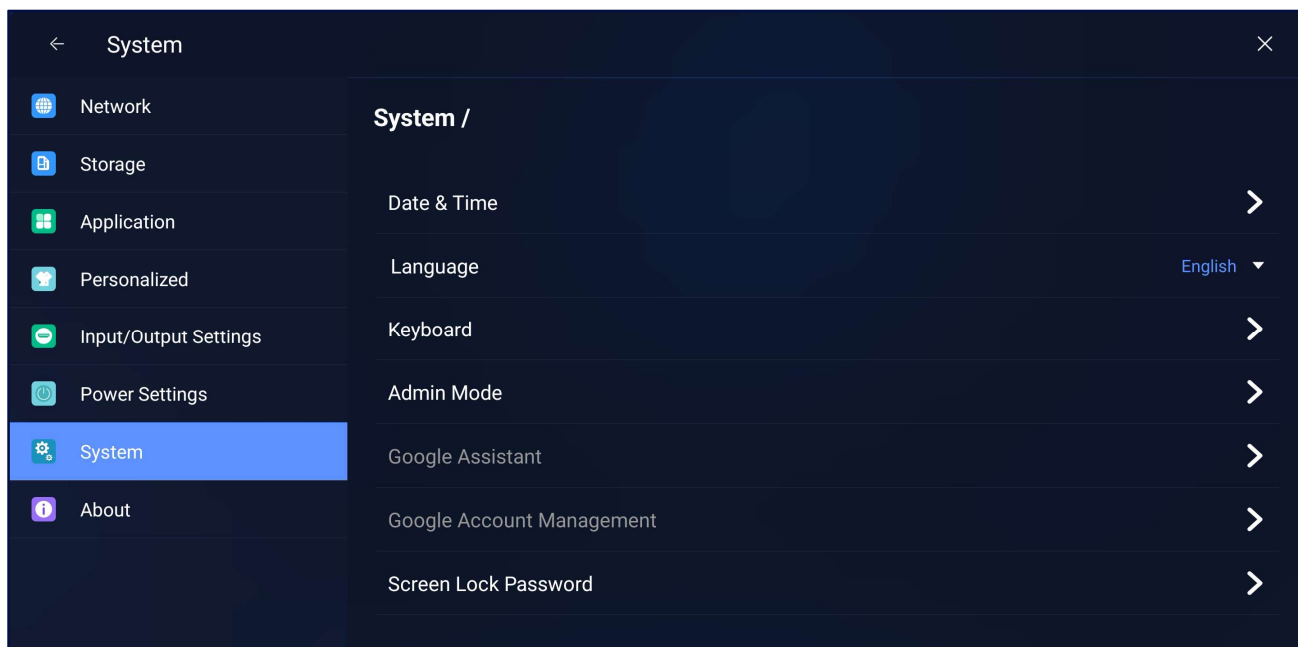


“Power Settings” – configure power, energy saving, automatic switching between operating and standby modes, HDMI CEC * function, etc. (see the Figure below).



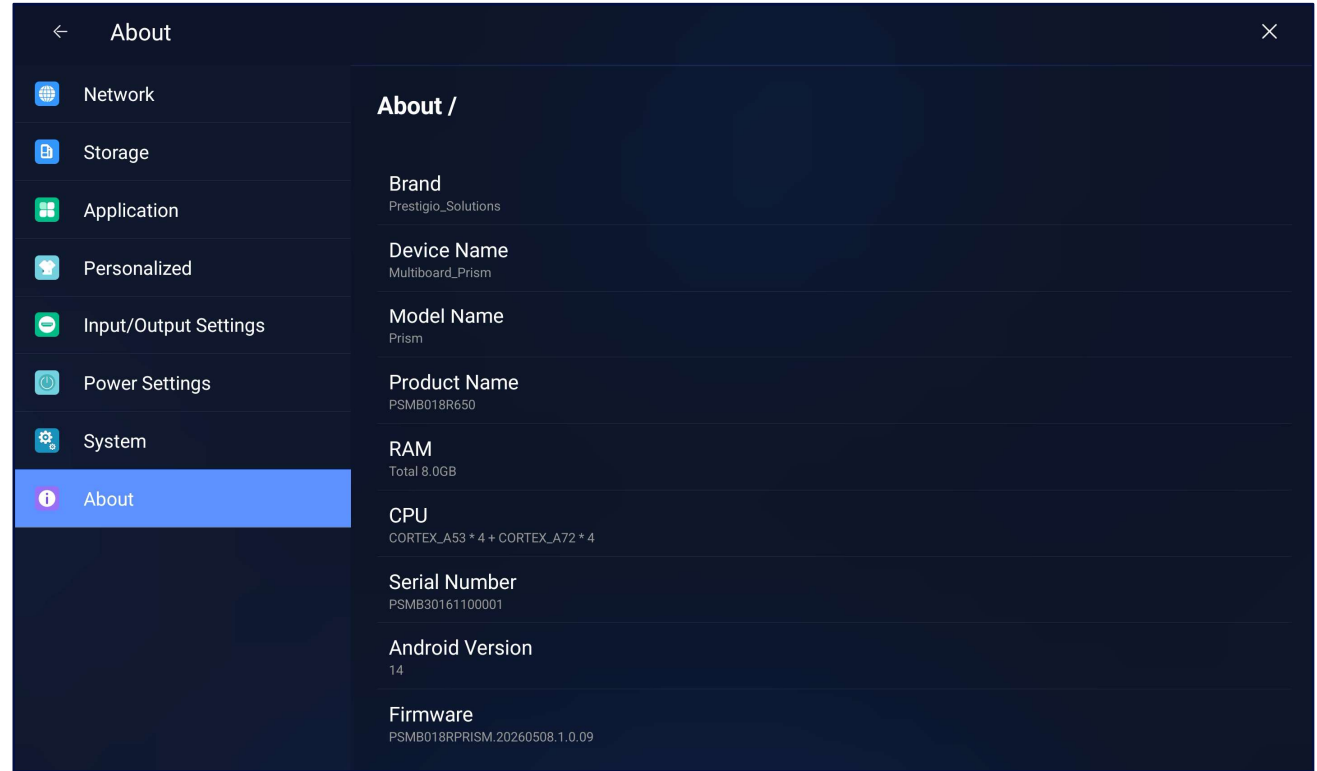
“System” – configure date and time, language, keyboard parameters, administrator mode *, manage the Google account, and set a screen lock password (see the Figure below).

NOTE. The default administrator password is 7149.



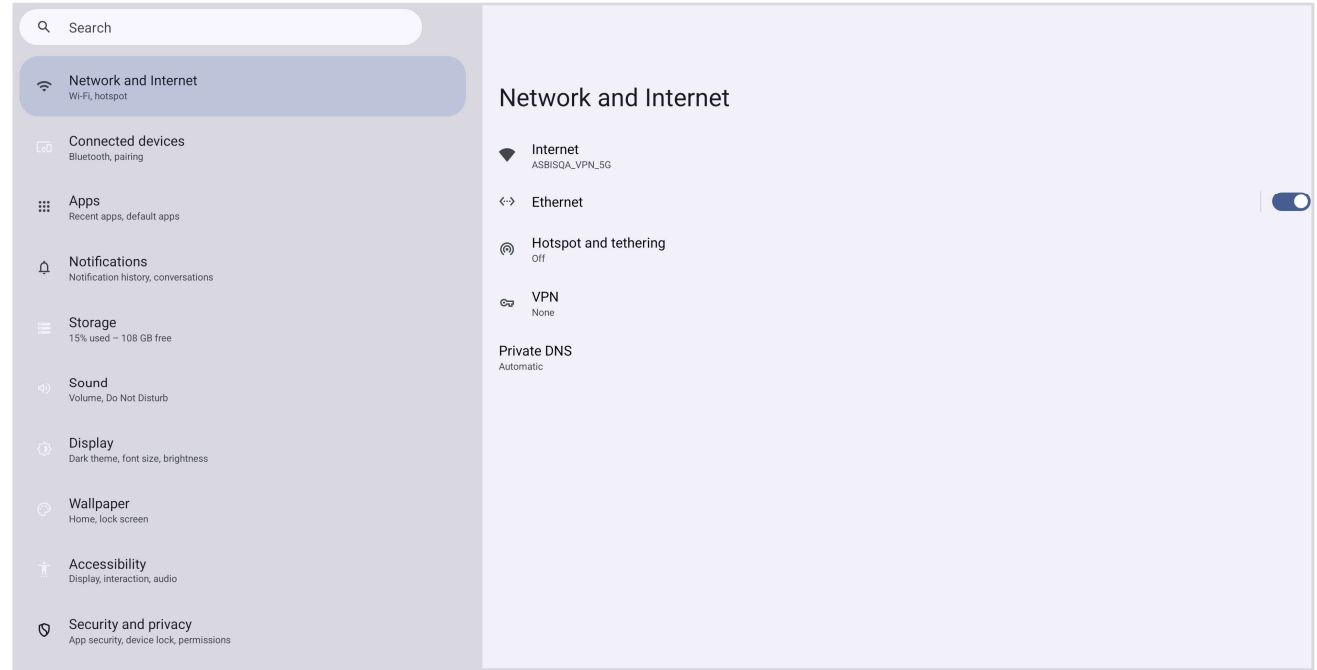
* See section 9 “Glossary”.

“About” – view detailed device information (manufacturer, model, serial number, hardware specifications, etc.) (see the Figure below).

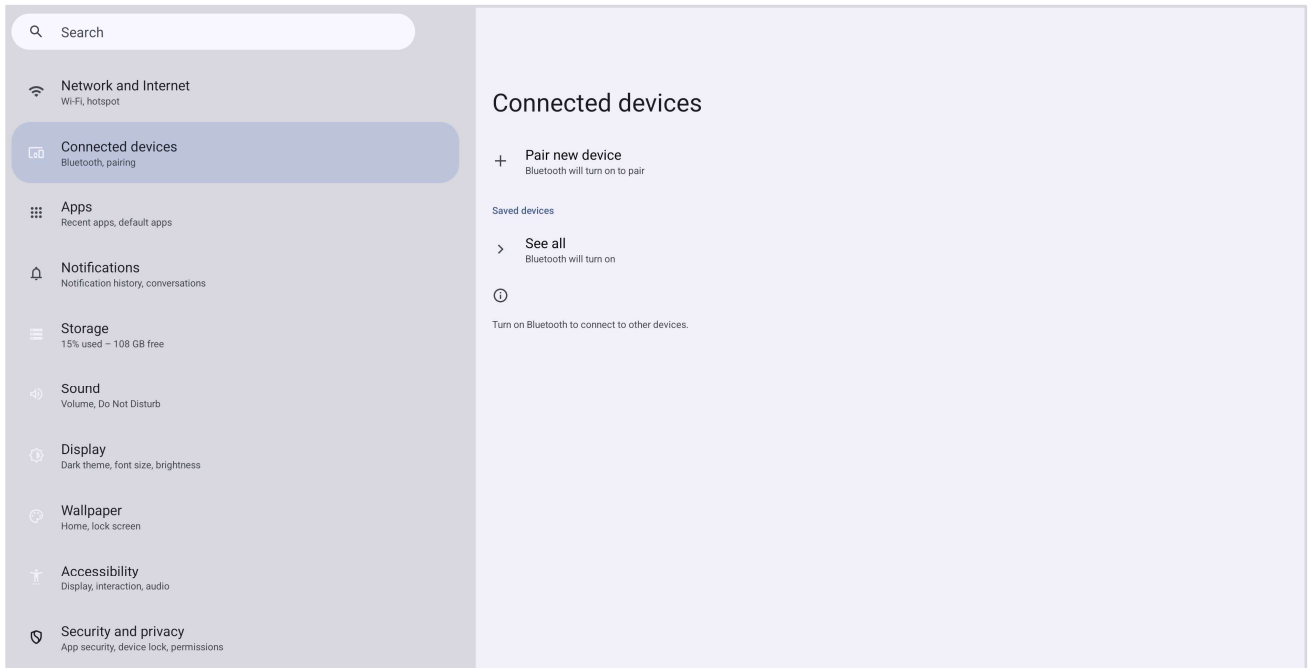


3.3.2 Configuring the device in the “Settings” application

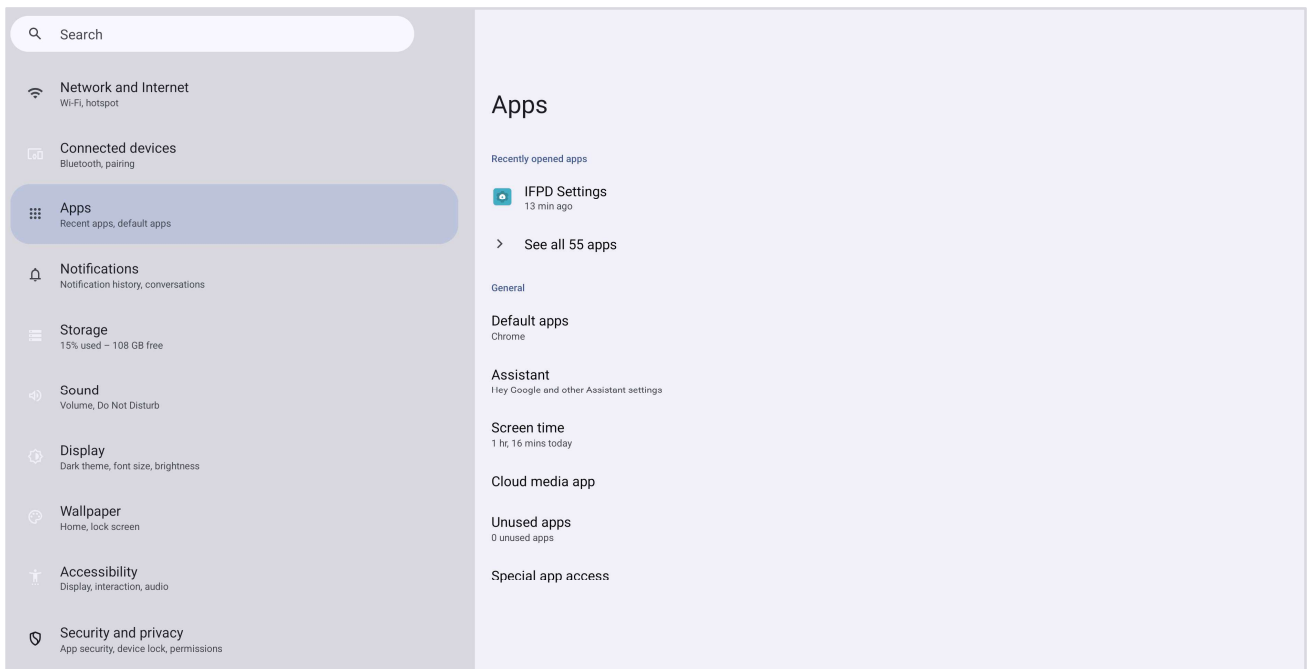
“Network and Internet” – configure network settings (Wi-Fi, Ethernet), hotspot, VPN, and DNS (see the Figure below).



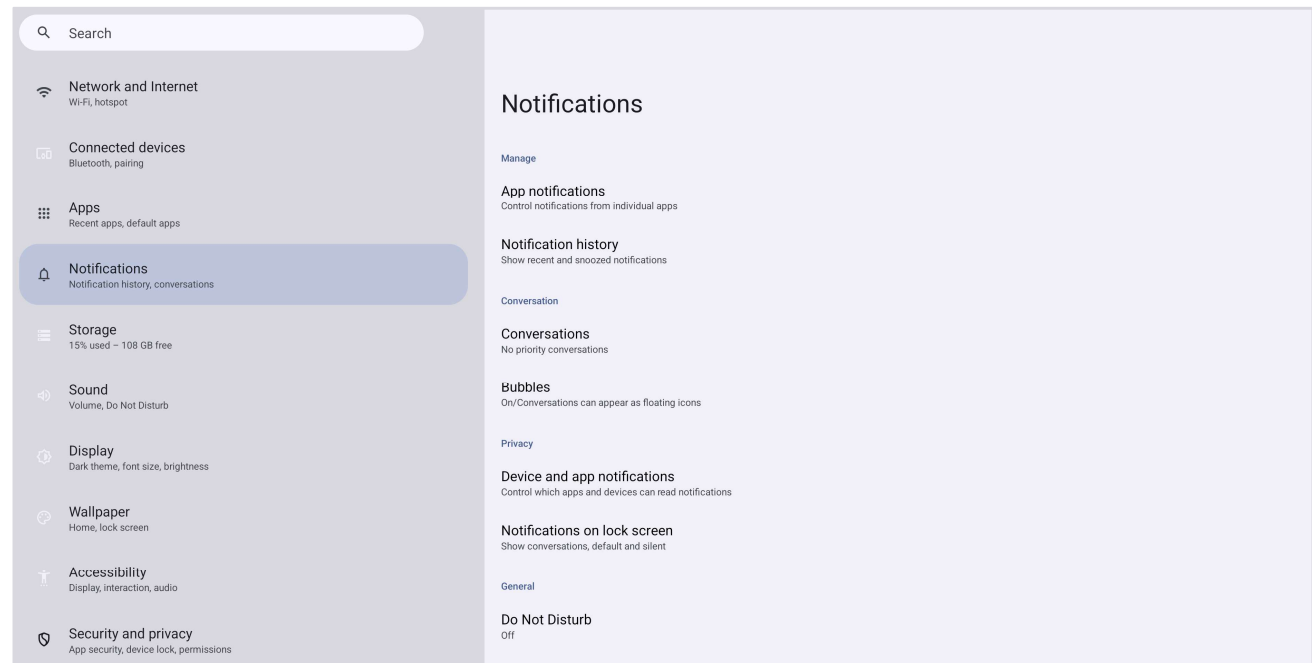
“Connected devices” – connect external devices wirelessly (via BT) and configure their connection parameters (see the Figure below).



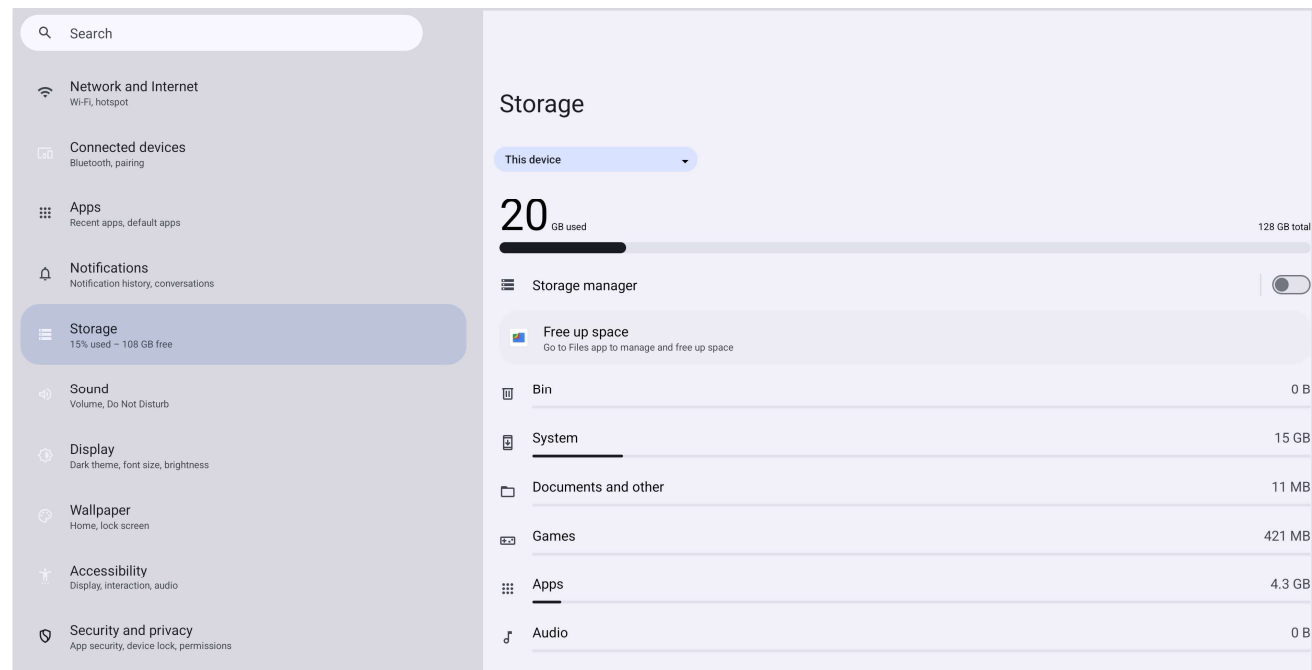
“Apps” – manage installed applications and their parameters (see the Figure below)



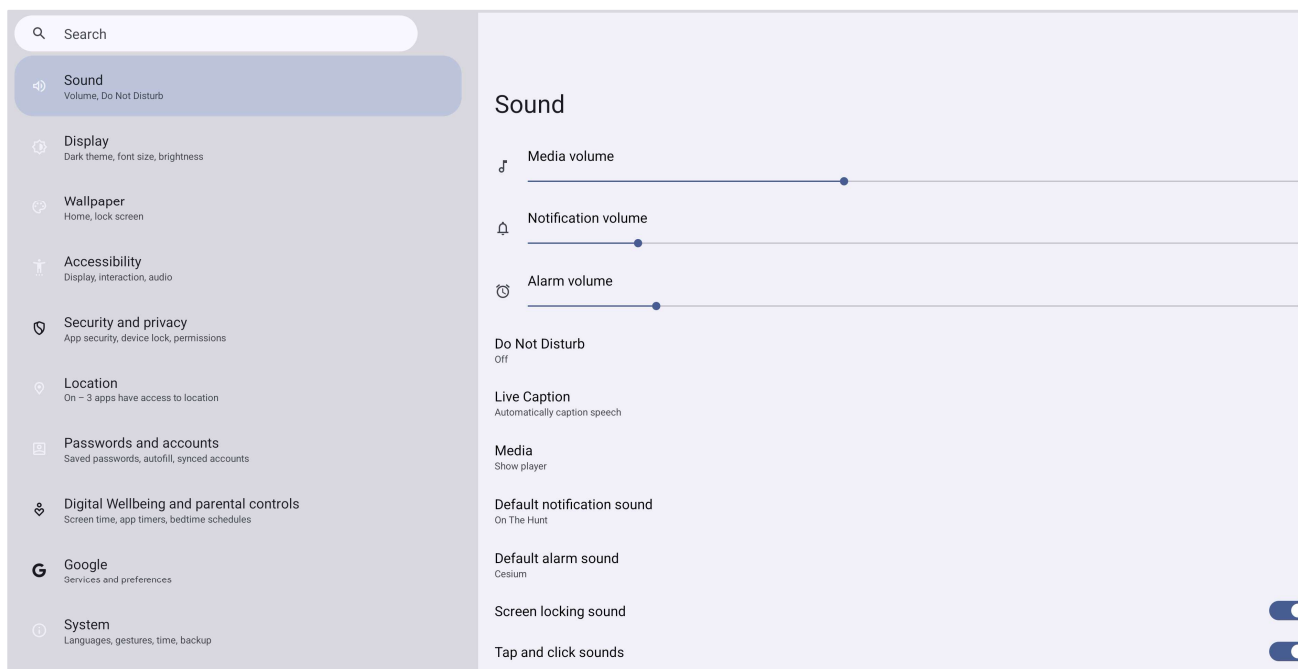
“Notifications” – configure notification parameters, including their display settings (see the Figure below).



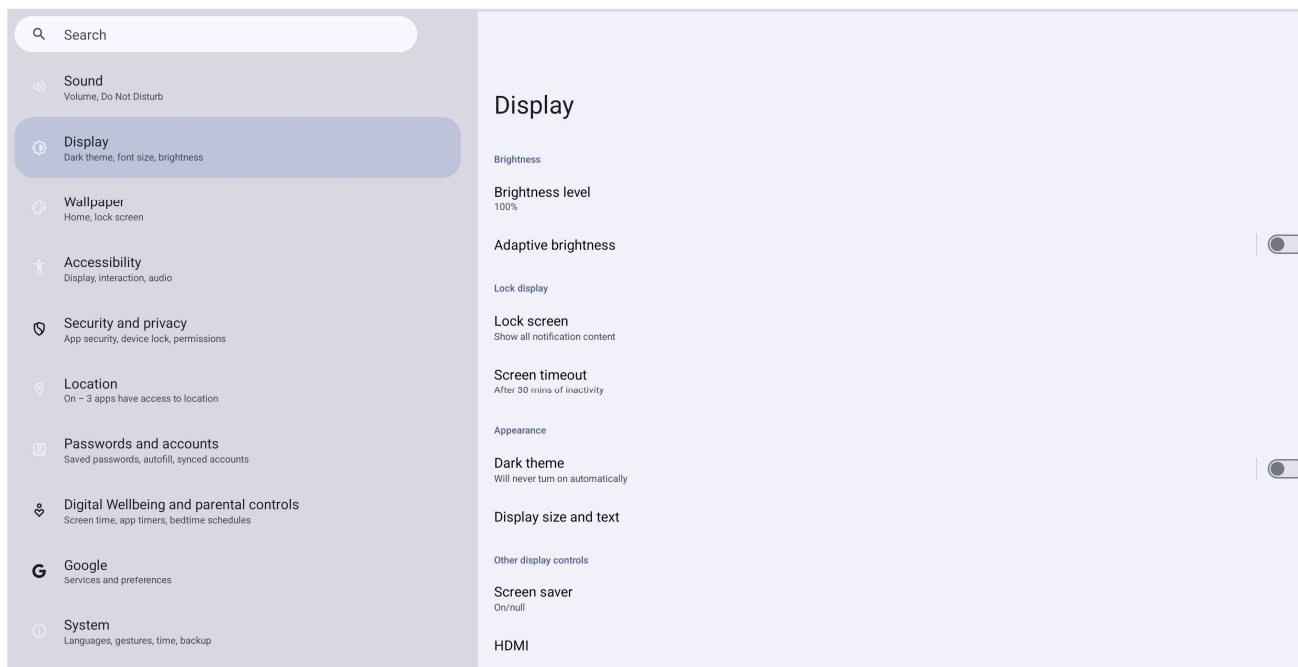
“Storage” – view information about the available and used device memory (see the Figure below).



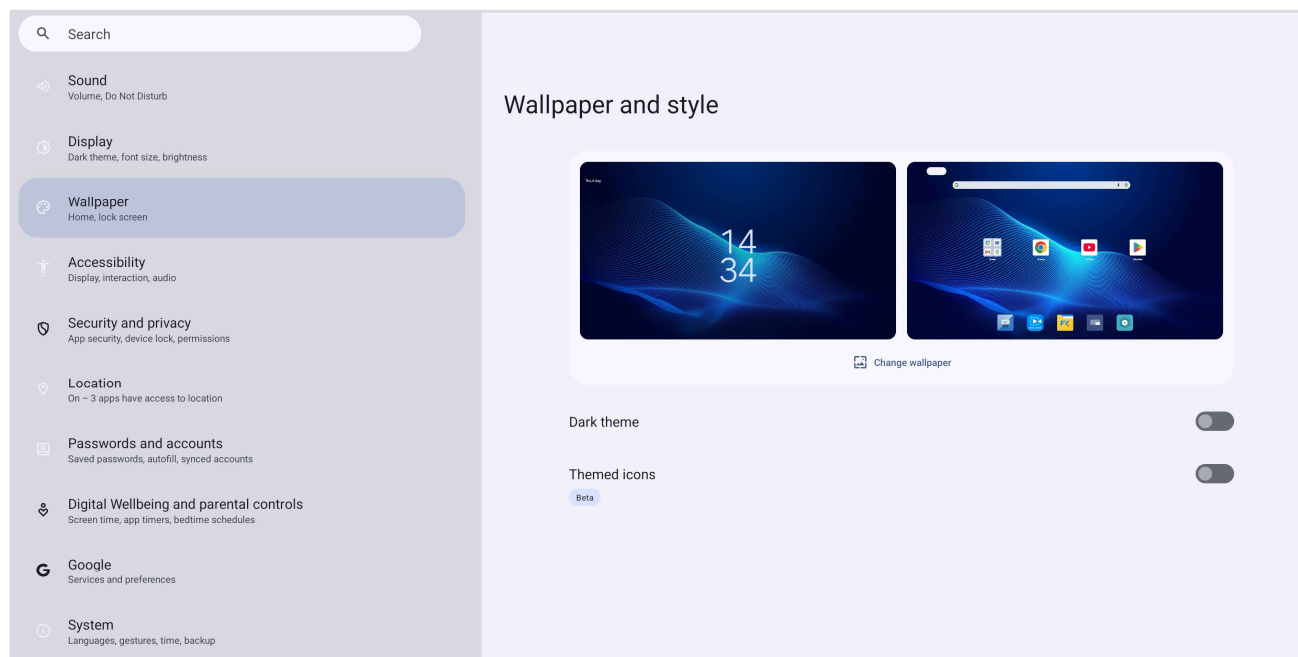
“Sound” – configure multimedia, notification, and alarm volume, “Do not disturb” mode, system sound parameters, automatic captions, and playback control (see the Figure below).



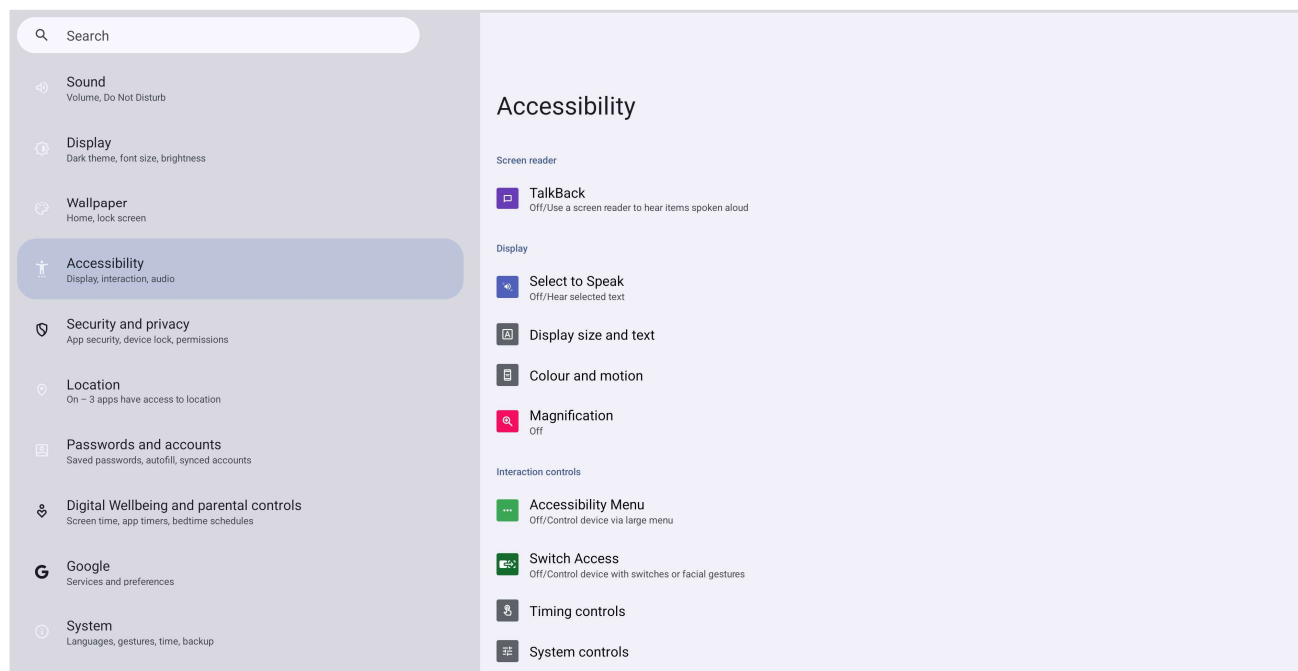
“Display” – configure screen brightness, lock screen parameters, themes, text size, and interface elements. Also includes configuration of HDMI, DisplayPort, and AI camera operating modes (see the Figure below).



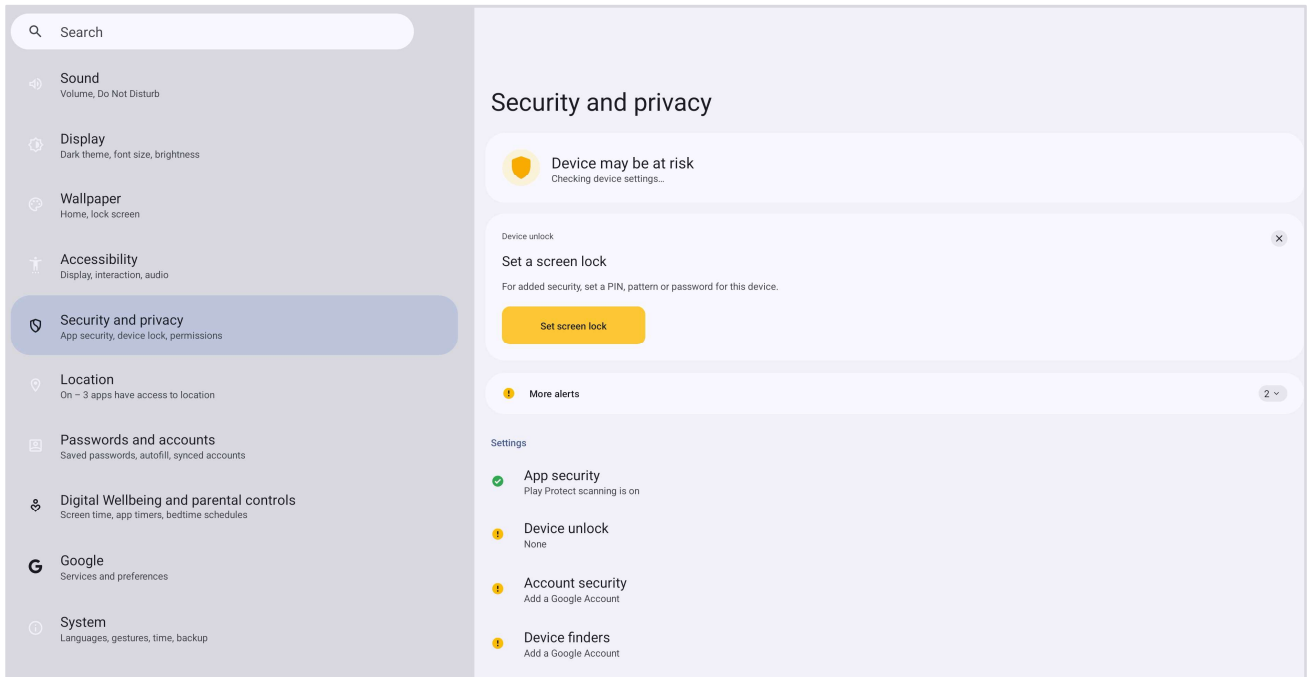
“Wallpaper” – configure home screen and lock screen wallpapers, interface design, and themed icons (see the Figure below).



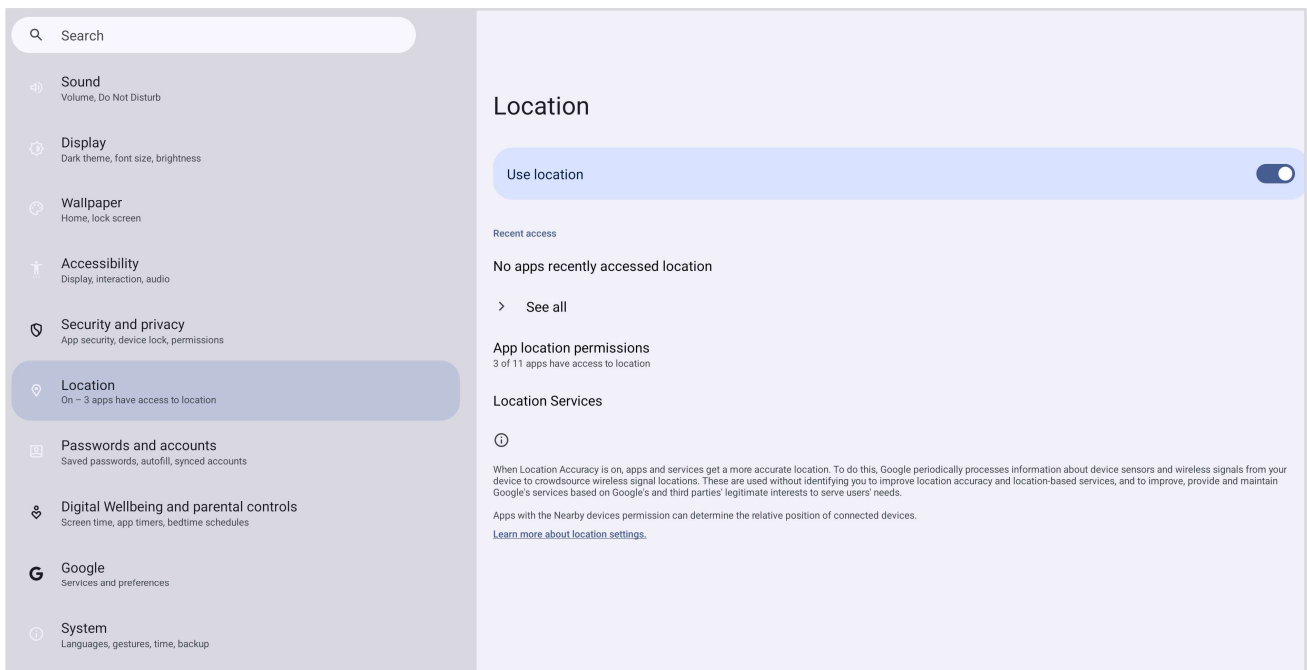
“Accessibility” – configure Android OS accessibility options and additional features to make device operation easier (text-to-speech, screen and text magnification, subtitles, sound and notification parameters, etc. – for details, see android.com/accessibility) (see the Figure below).



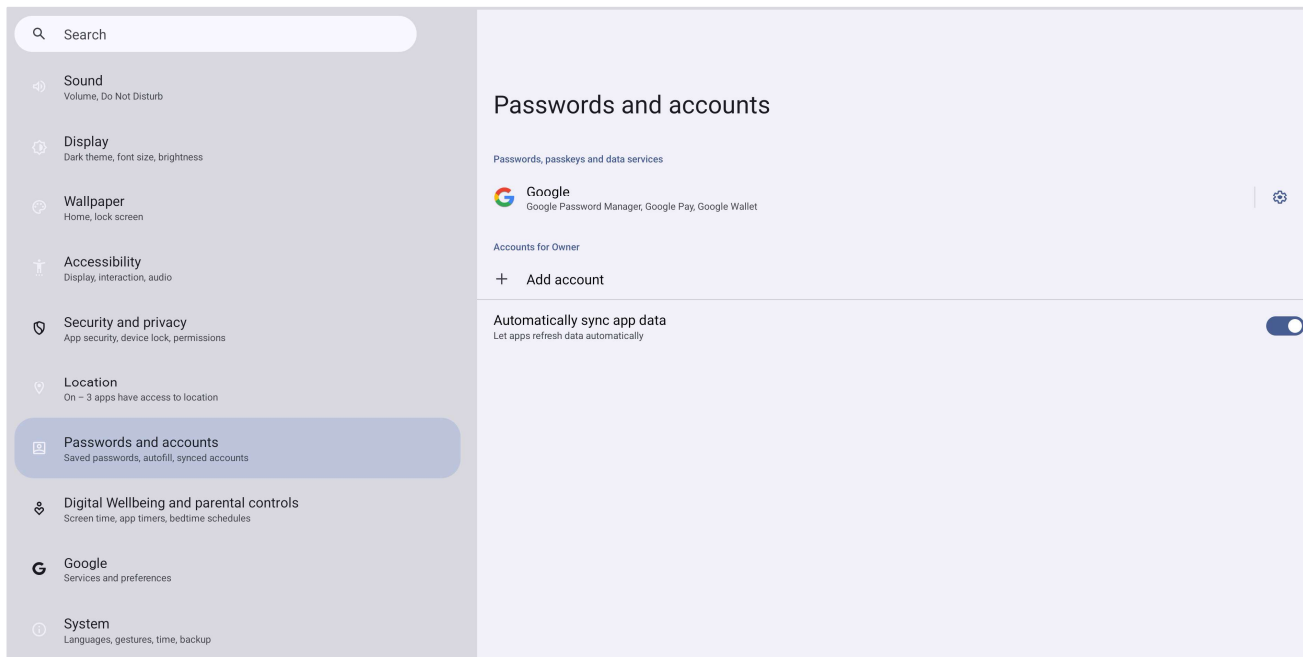
“Security and privacy” – configure device security, screen lock, application protection and privacy parameters, and OS update settings (see the Figure below).



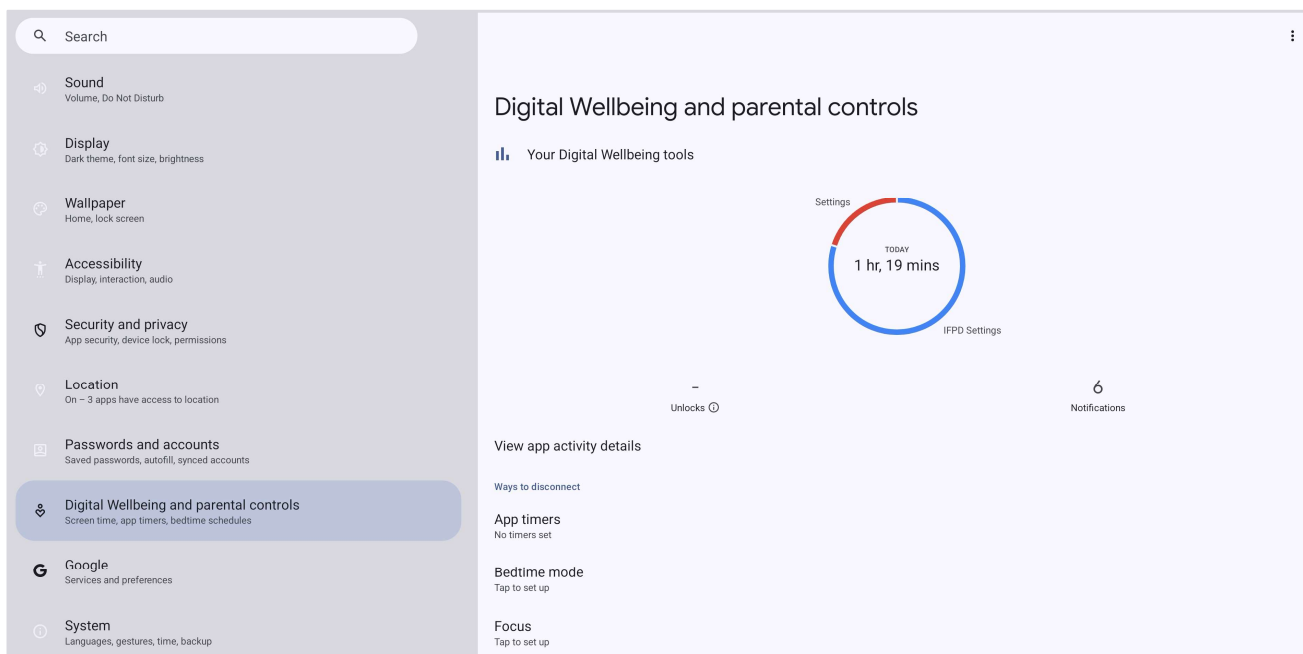
“Location” – configure device location detection parameters and application access to location (see the Figure below).



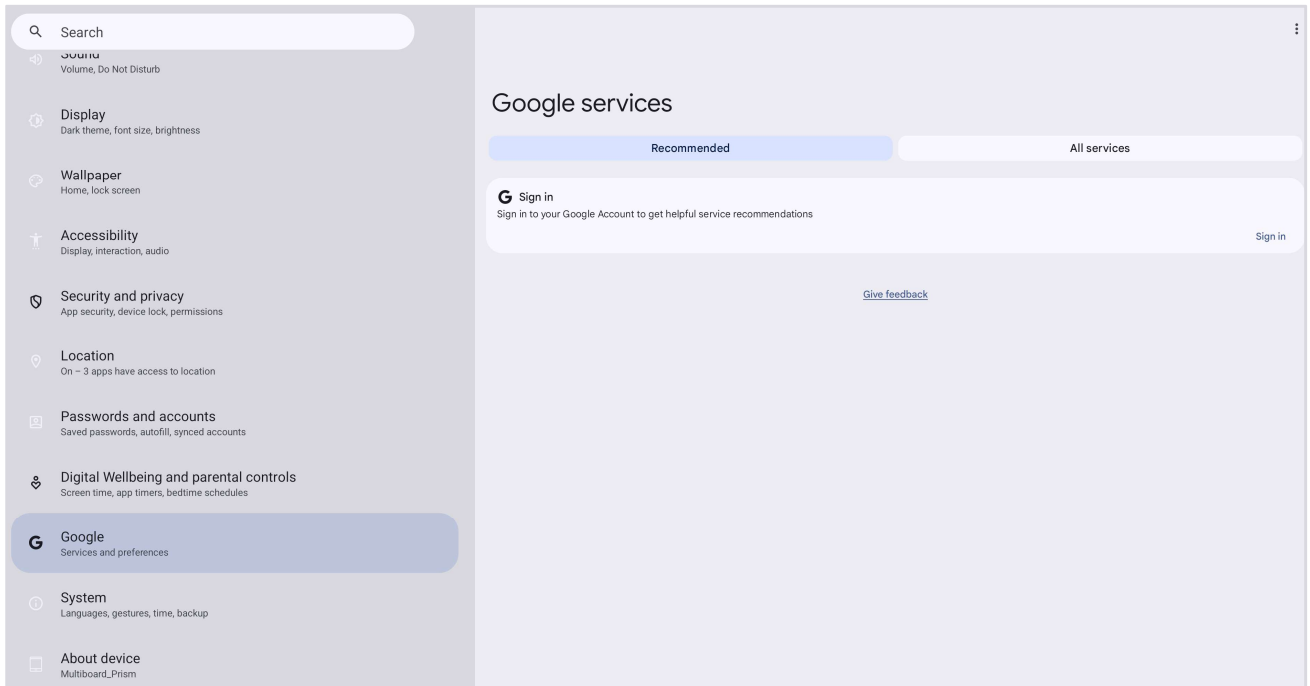
“Passwords and accounts” – add and configure accounts, manage passwords and application data synchronization (see the Figure below).



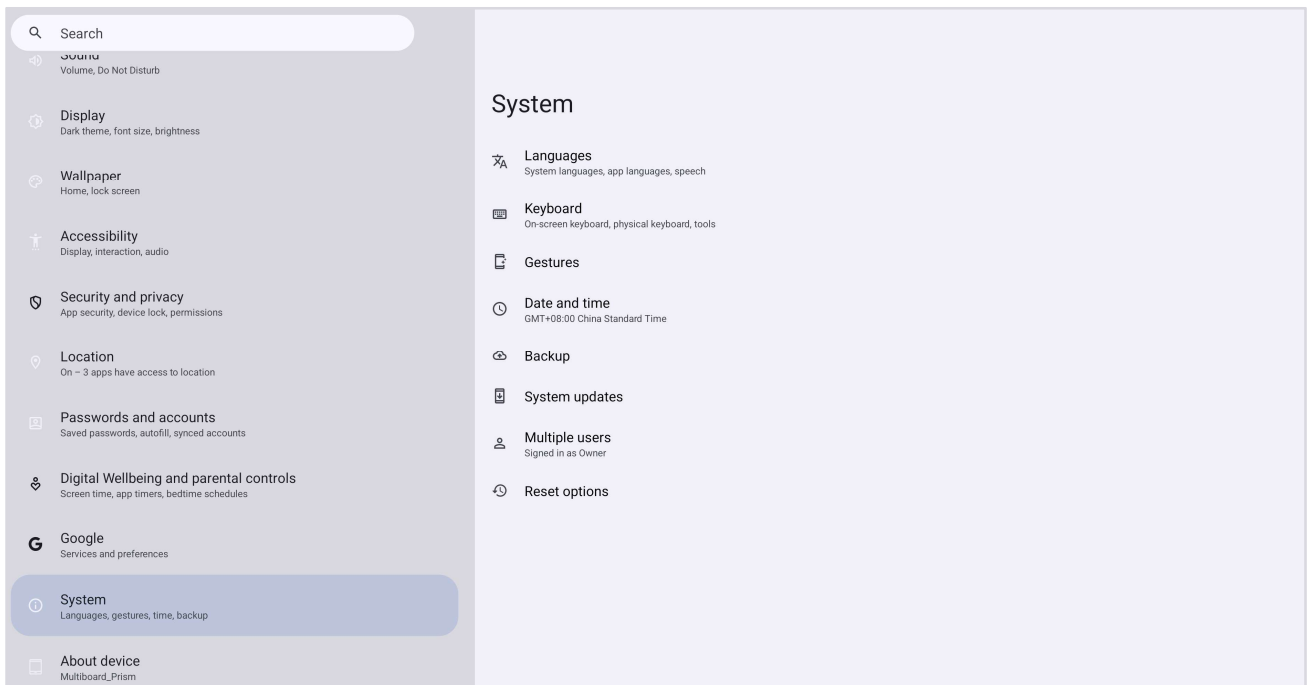
“Digital Wellbeing and parental controls” – configure parental controls, special device operating modes (night mode, focus mode), application usage time limits, and view usage statistics (see the Figure below).



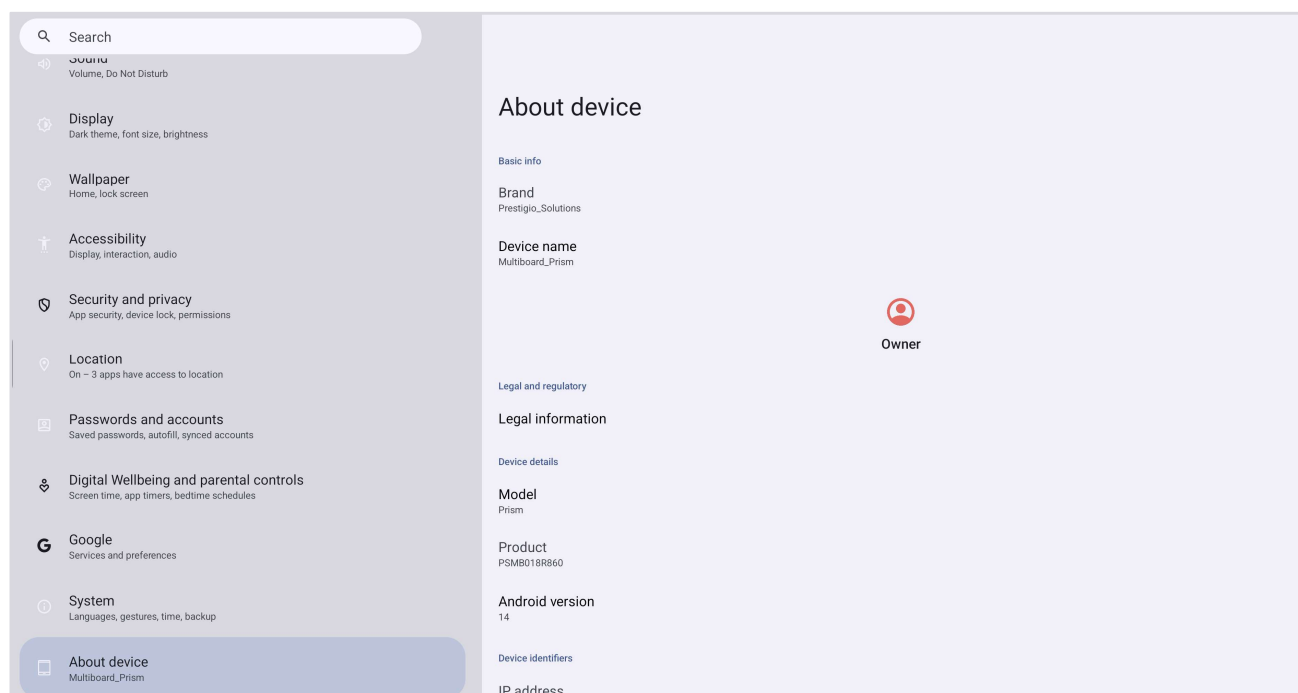
“Google” – configure Google services, including account parameters and related functions (see the Figure below).



“System” – configure date and time, language, keyboard parameters, control gestures, data backup, multi-user mode and OS updates, as well as reset BT and Wi-Fi, applications, and the device itself (see the Figure below).



“About device” – view detailed device information (manufacturer, model, network parameters, device uptime, etc.) (see the Figure below).



3.3.3 Quick settings menu and panels

The quick settings menu and panels provide quick access to the main device functions and settings.

To access quick settings, use (choose one):

- quick settings menu;
- top quick settings panel;
- side quick settings panels;
- floating quick settings panel.

3.3.3.1 Quick settings menu

The quick settings menu can be opened by pressing a button  on the remote control or on the front panel of the device. For ease of use, menu items are grouped under the corresponding tabs: “Quick settings”, “Mode”, and “Image” – see the Figures below. The purpose of the menu items is described in the tables below.

Table 14 – Items of the “Quick settings” tab menu

Component	Intended use
	Open the “Quick settings” menu
	Indication of the minimum sound volume level
	Indication of the maximum sound volume level
	Indication of the minimum brightness level
	Indication of the maximum brightness level
	Activate the Wi-Fi hotspot to provide external devices with Internet access
	Connect to a Wi-Fi network
	Activate BT
	Mute
	Activate the “Freeze frame” function
	Activate the side quick settings panels (see subsection 3.3.3.3 for details)
	Activate sound when tapping the screen
	Activate the floating quick settings panel (see subsection 3.3.3.4 for details)
	Go to the Android OS home page
	Launch the “IFPD Settings” application

Component	Intended use
	Open the signal source menu
	Turn off the screen while keeping audio playback
	Screenshot
	Open the tools menu
	Start the timer
	Start the stopwatch
	Highlight the selected area of the interactive whiteboard screen while dimming the rest of it
	Launch the calculator

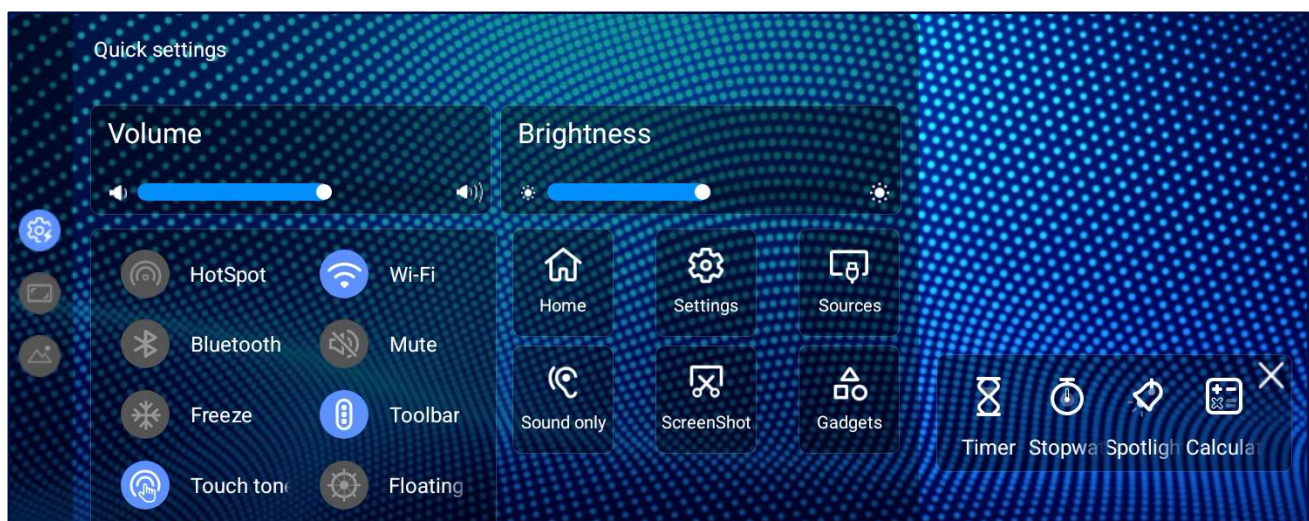


Table 15 – Items of the “Mode” tab menu

Component	Intended use
	Open the “Mode” menu
Standard	Activate standard sound settings
Meeting	Activate sound settings optimized for meetings and conferences
Classroom	Activate sound settings optimized for classrooms and lecture halls
Custom	Activation of sound settings with the ability to manually adjust parameters
Bass	Adjusting the level of low frequencies
Treble	Adjusting the level of high frequencies
Balance	Adjusting the balance between the left and right audio channels

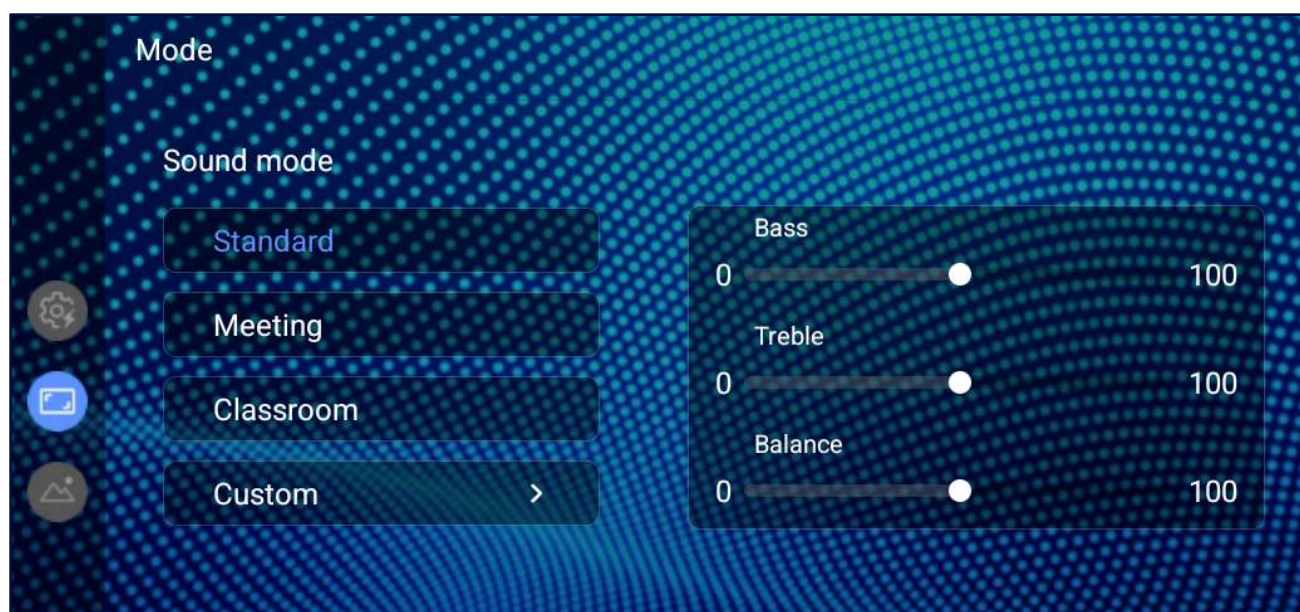
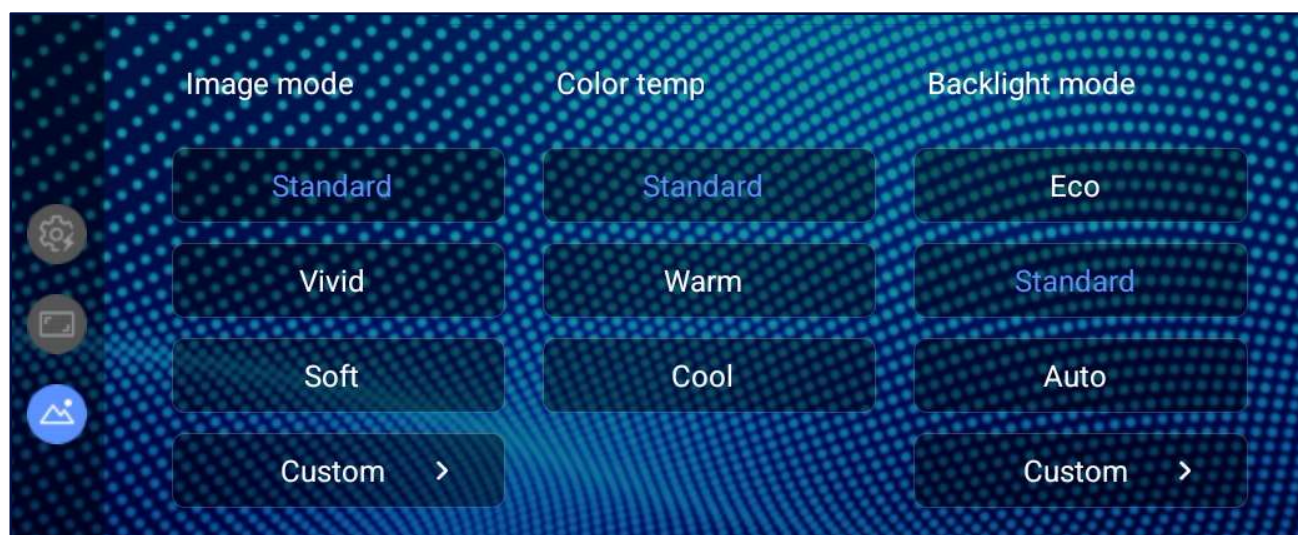


Table 16 – Menu items on the “Image” tab

Component	Intended use
	Opening the “Image” menu
Image mode	
Standard	Activation of standard screen settings
Vivid	Activation of screen settings with increased brightness, contrast, and color saturation
Soft	Activation of screen settings with reduced brightness, contrast, and color saturation
Custom	Activation of screen settings with the ability to manually adjust parameters
Color temp	
Standard	Activation of standard color temperature settings
Warm	Activation of color temperature settings with a predominance of warm tones
Cool	Activation of color temperature settings with a predominance of cool tones
Backlight mode	
Eco	Activation of screen backlight settings aimed at energy saving
Standard	Activation of standard screen backlight settings
Auto	Activation of automatic screen backlight adjustment
Custom	Activation of screen backlight settings with the ability to manually adjust parameters



3.3.3.2 Top quick settings panel

Swipe down from the top edge of the screen to access the top quick settings panel. The following will appear on the screen:

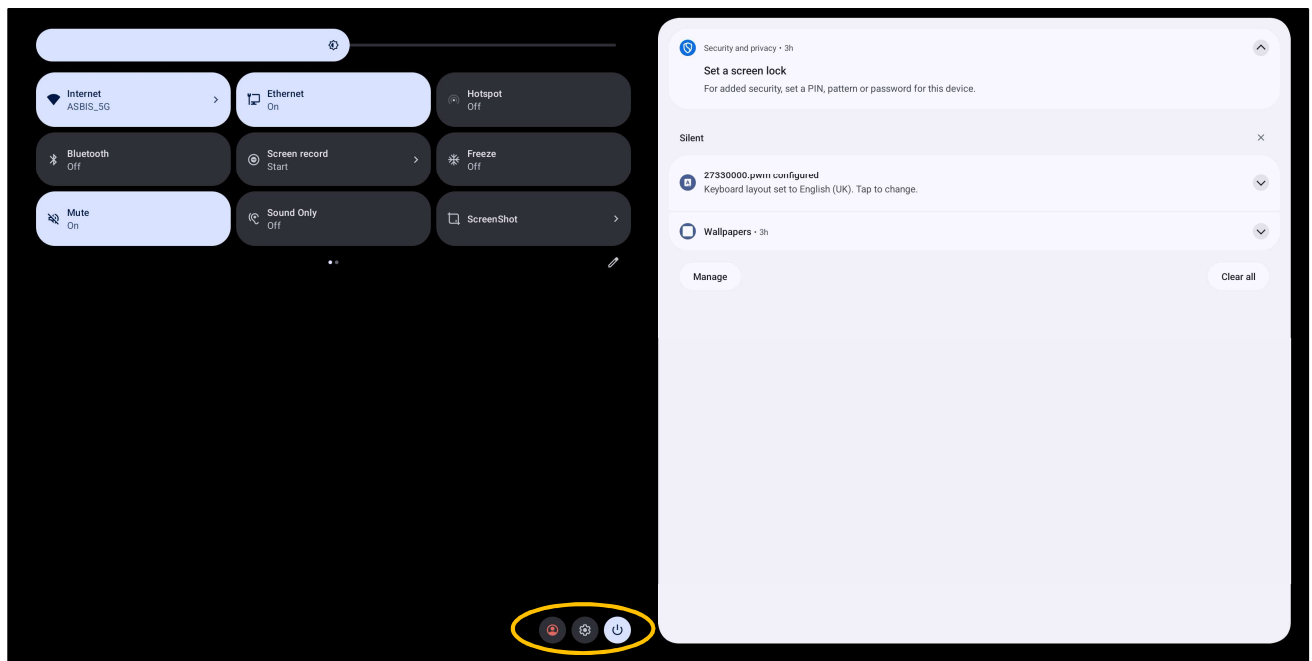
- screen brightness adjustment slider;
- quick settings menu buttons;
- notification area;
- user selection button ;
- button for configuring network parameters and network connections ;
- button to open the power menu  (see the Figure below).

Using the menu buttons, you can turn Wi-Fi, BT, sound, airplane mode, and others on or off (see Table 17 below).

To view the functions of a specific button and display additional information, tap and hold it.

To add or remove quick settings buttons, tap  – an additional menu will open (see the Figure below). Move the selected button from the additional menu to the quick settings menu or vice versa. To reset the changed button order and return the top panel to default settings, tap the Reset button.

To exit the additional menu, tap the button .



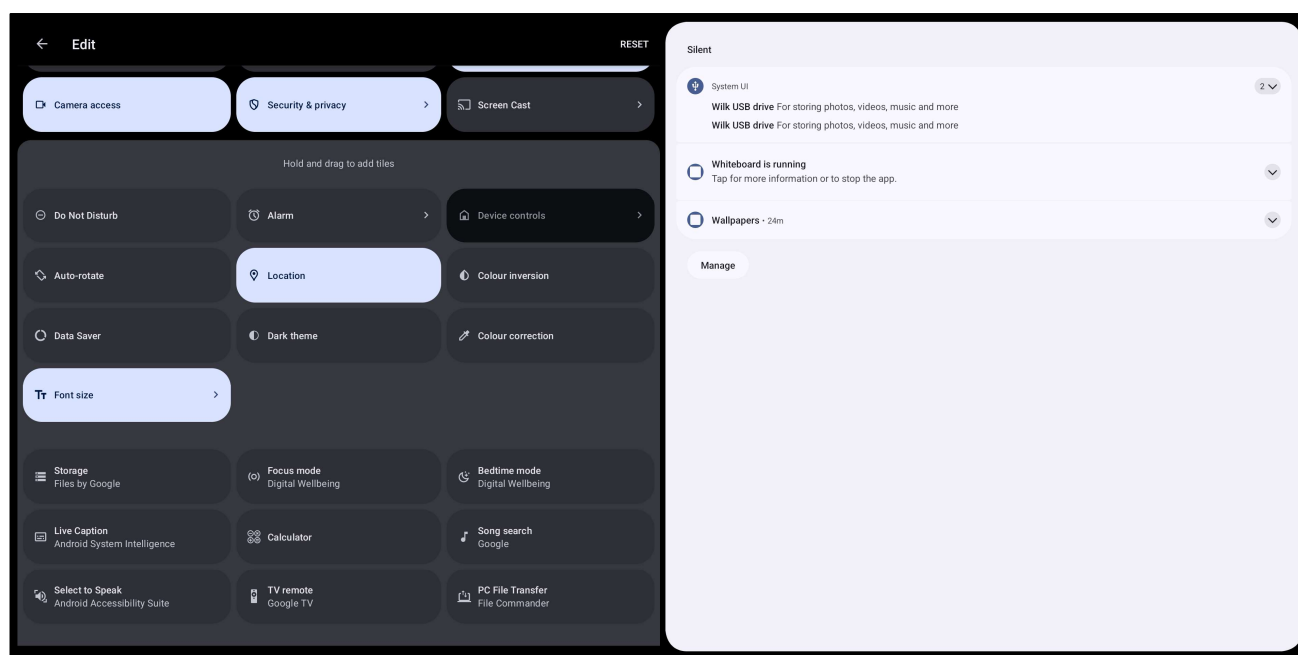


Table 17 – Buttons of the additional menu on the top quick settings panel

Button	Intended use
	Connecting to a Wi-Fi network
	Activating BT
	Mute
	Activating a wired network connection
	Enabling screen action recording. The resulting video recording is saved in the interactive whiteboard memory
	Turning off the screen while keeping audio playback
	Activating a Wi-Fi hotspot to provide external devices with Internet access
	Activating the Freeze Frame function
	Screenshot
	Activating side quick settings panels (see subsection 3.3.3.3 for details)

Button	Intended use
	Activating the floating quick settings panel (see subsection 3.3.3.4 for details)
	Opening the signal source menu
	Activating Aeroplane mode (disabling all wireless networks)
	Activating the Quick Share function (exchanging files with nearby external devices via wireless interfaces)
	Granting microphone access
	Granting camera access
	Opening device security settings, permissions, and privacy
	Activating wireless transmission of image and sound from the interactive whiteboard to an external device
	Activating Do Not Disturb mode (disabling all sounds and notifications)
	NOTE. Allowed notifications and other exceptions can be configured in the button functions menu
	Opening alarm settings
	Controlling compatible smart home external devices after they are connected and configured
	Activating automatic screen rotation
	Activating location access
	Activating screen color inversion
	Activating data saver (limiting background data transfer)
	Activating dark theme (switching the screen color scheme to dark tones)
	Activating color correction

Button	Intended use
	Changing the font size
	Opening the file storage
	Activating Focus mode (pausing selected applications and disabling their notifications)
	Activating Bedtime mode (enabling Do Not Disturb mode, enabling dark theme, and black-and-white screen display)
	Activating automatic subtitles
	Launching the calculator
	Searching for audio tracks playing in the background
	Reading aloud the text displayed on the interactive whiteboard screen
	Activating the TV remote function (controlling compatible external Google TV devices)
	Quick access to the File Commander application

3.3.3.3 Side quick settings panels

To activate the side quick settings panels, do the following:

Step 1. Open the system application  "IFPD Settings".

Step 2. Select the "Personalized" tab, "Accessibility" line.

Step 3. Activate the "Side Toolbar Settings" item using the on-screen toggle or via the top quick settings panel by tapping the button  (see the subsection above for details). After activating the side quick settings panels, the ◀ and ▶ buttons will appear on the screen. Tap one of them to open the corresponding side panel, as shown in the Figure below.

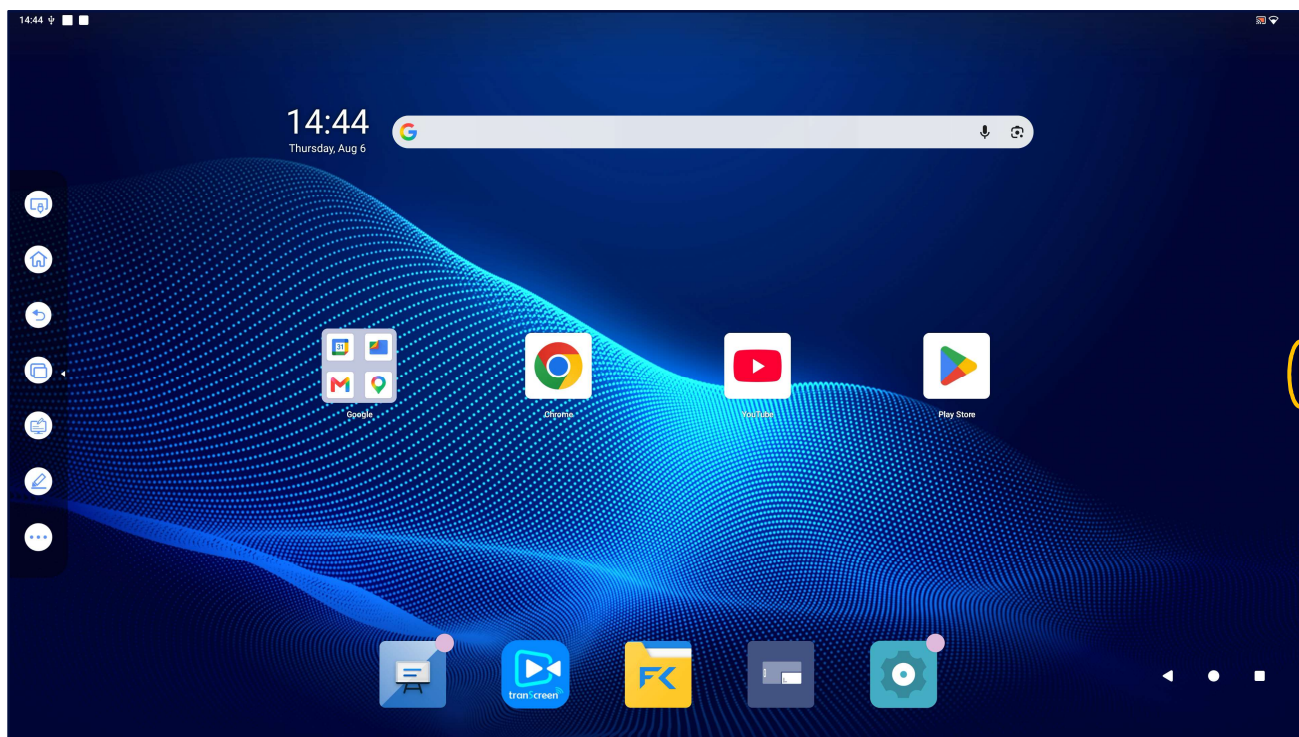


Table 18 – Buttons of the side quick settings panels menu

Button	Intended use
	Switching to the preferred signal source (see below for details)
	Go to the Android OS home page
	Returning to the previous menu page
	Opening the menu of running applications
	Enabling annotation mode *
	Launching the Whiteboard application
	Opening the additional menu of the side quick settings panels (see below for details)

To configure the Favorite Source button, open the system application  "IFPD Settings", select the "Input/Output Settings" tab, "Favorite Source" line. In the list that appears, select the signal source that will be used when tapping the "Sources" button .

* See section 9 "Glossary".

The button  opens an additional menu with the “Sources”, “Shortcuts”, and “Apps” tabs, as shown in the Figure below. The signal source buttons correspond to the ports on the interactive whiteboard (see section 3.3.5). For more information about the purpose of the buttons on the “Shortcuts” tab, see Table 19. Via the “Apps” tab, you can access all applications installed on the interactive whiteboard (see section 3.3.7 below).

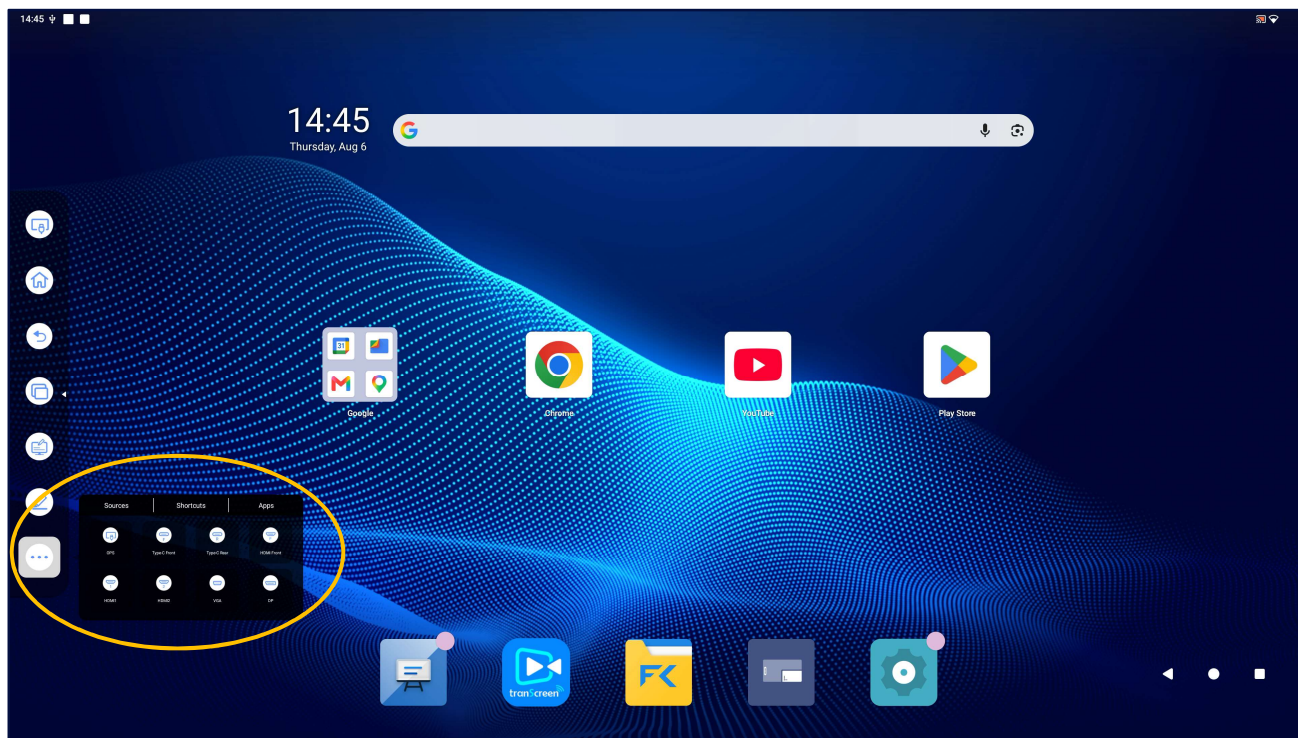


Table 19 – Buttons on the Shortcuts tab

Button	Intended use
	Highlighting the selected area of the interactive whiteboard screen while dimming the rest of it
	Launching the timer
	Launching the calculator
	Launching the stopwatch
	Screenshot
	Activating the “Freeze Frame” function
	Turning off the screen while keeping audio playback

Button	Intended use
	Adjusting the screen brightness and sound volume of the interactive whiteboard
	Locking the touchscreen NOTE. To unlock the touchscreen, quickly tap the screen three times

3.3.3.4 Floating quick settings panel

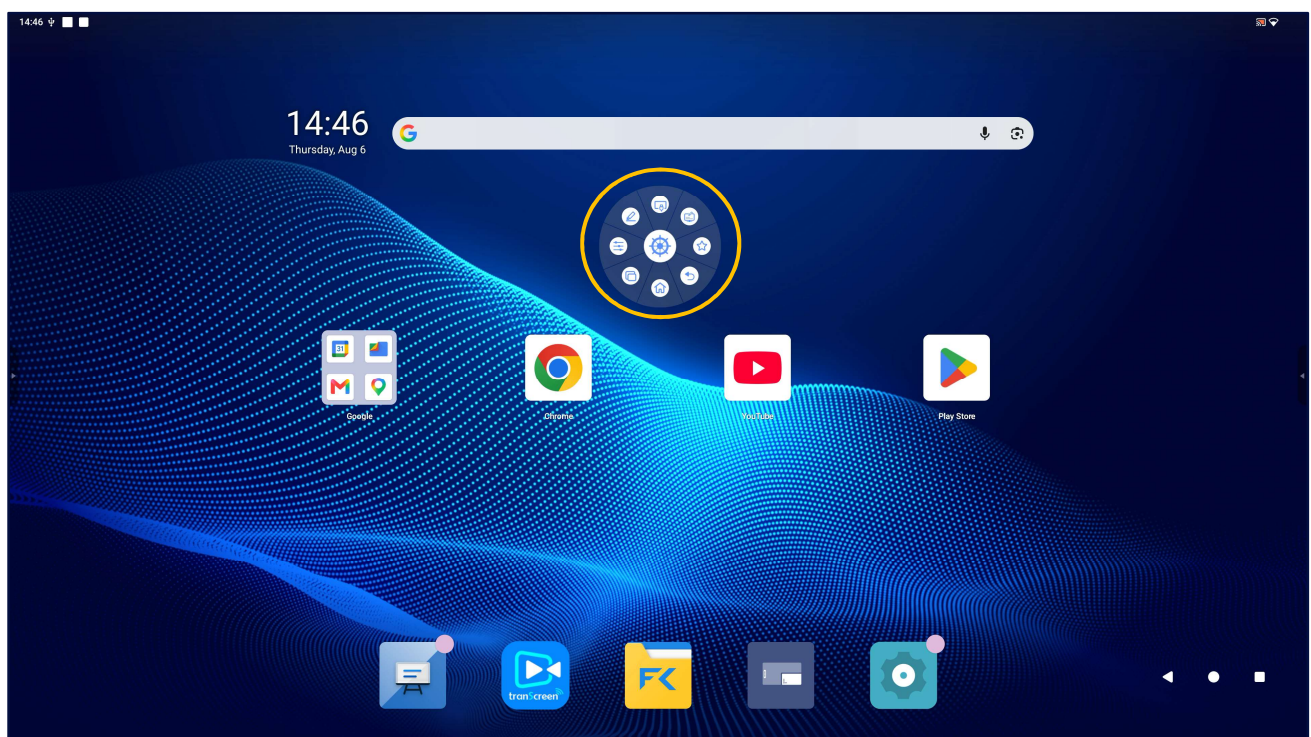
The floating quick settings panel allows you to place up to 8 quick access buttons to frequently used signal sources, tools, and applications.

To activate the floating quick settings panel, do the following:

Step 1. Open the system application  "IFPD Settings", select the "Personalized" tab, "Accessibility line.

Step 2. Activate the Float Bar Settings item using the on-screen toggle or via the top quick settings panel by tapping the button  (see subsection 3.3.3.2 for details).

Step 3. After activation, the button  will appear on the screen; tapping it opens the quick settings panel, as shown in the Figure below. The button  will be displayed on top of all windows and applications while this function is activated. To change the position of the button  on the screen, tap and hold it, then drag it to the desired location.

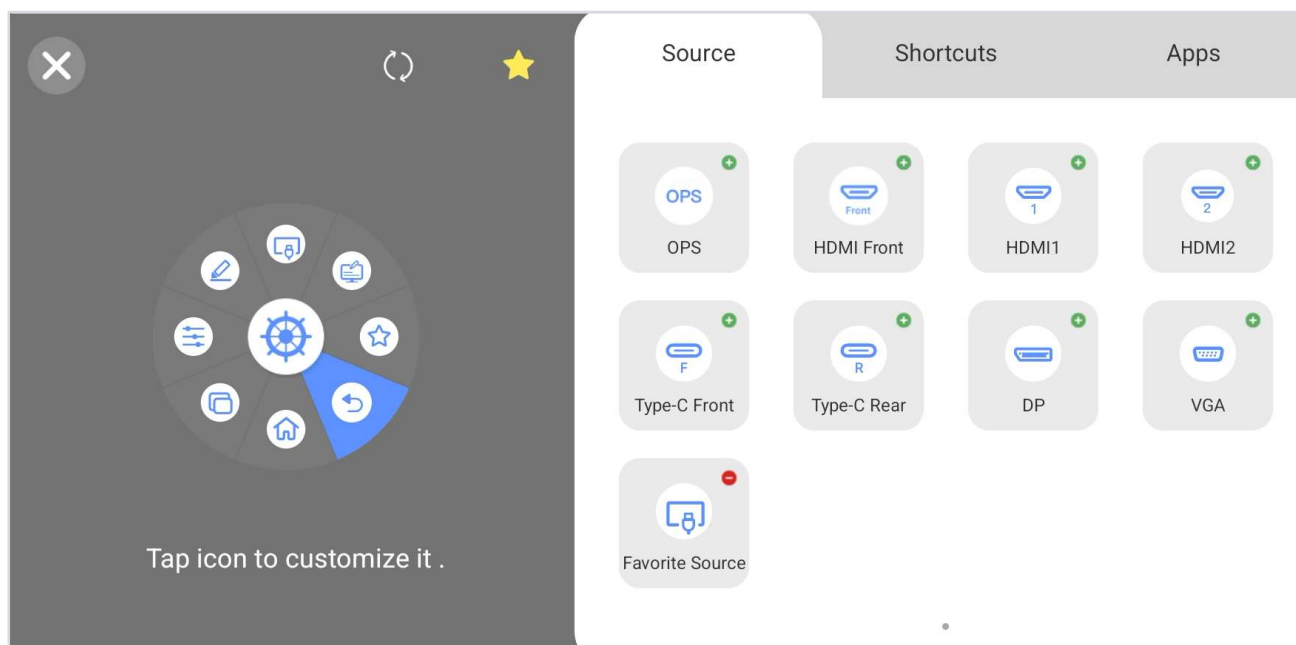


To configure the floating quick settings panel, do the following:

Step 1. Tap  to open the quick settings menu.

Step 2. Tap and hold any menu button for 3 seconds.

Step 3. In the window that opens, tap the button that needs to be configured. The selected button will be highlighted in blue, as shown in the Figure below.



Step 4. In the menu on the right, in the corresponding "Sources", "Shortcuts", or "Apps" tab, select the button to replace the current one. Buttons with the symbol  are available for adding to the floating quick settings panel, and buttons with the symbol  have already been added and can be removed.

The signal source buttons correspond to the ports on the interactive whiteboard (see section 3.3.5). The "Favorite Source" button can be configured for quick switching to the selected signal source. To do this, open the system application  "IFPD Settings", select the "Input/Output Settings" tab, "Favorite Source" line. In the list that appears, select the signal source that will be used when tapping the "Sources" button .

For more information about the purpose of the buttons in the "Shortcuts" tab, see Table 20.

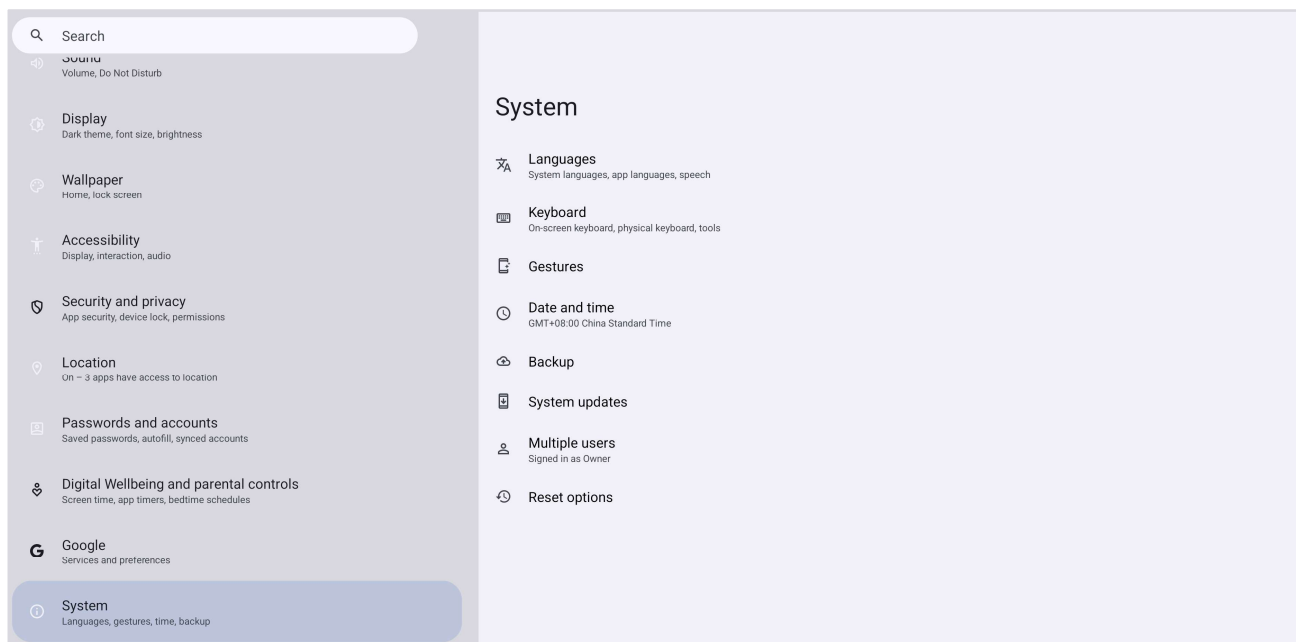
The "Apps" tab displays applications that can be added to the floating quick settings panel. For more information about the purpose of the preinstalled applications, see section 3.3.7 below.

Table 20 – Buttons of the additional menu of the floating quick settings panel and the “Shortcuts” tab

Button	Intended use
	Reset the floating panel settings to default
	Open the settings menu for the button  located in the “Shortcuts” tab
	Launch the calculator
	Turn off the screen while keeping audio playback
	Highlight the selected area of the interactive whiteboard screen while dimming the rest of it
	Enabling annotation mode
	Start the stopwatch
	Start the timer
	Locking the touchscreen
	Opening the menu of running applications
	Access to preconfigured buttons
	Go to the Android OS home page
	Launching the Whiteboard application
	Screenshot
	Adjusting the screen brightness and sound volume of the interactive whiteboard
	Return to the previous menu page
	Activate the “Freeze frame” function

3.3.4 OS Update

To update the OS, swipe up on the main Android OS page, open the system application  "Settings", select the "System" tab, and go to the "System updates" section (see the Figure below). Available updates will appear in the opened window. Launch the update.



3.3.5 Selecting the Signal Source

To select the signal source, press the button  on the remote control or open the "PIP (Picture in picture)" application , then press the "Sources" button  and select one of the available signal sources. Available signal sources are highlighted visually in the menu, as shown in the Figure below.

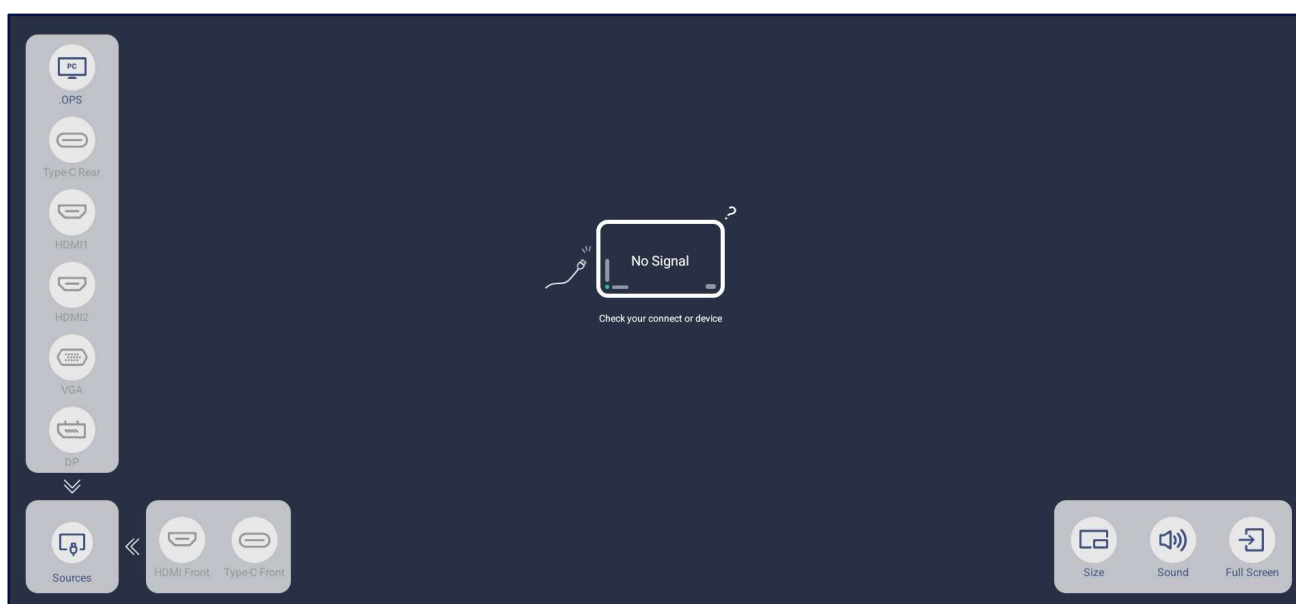


Table 21 – Purpose of the main buttons in the signal source selection menu

Button	Intended use
	Change the size of the signal source window
	Adjust the volume of the connected external device
	Switch to full-screen mode
	Select the signal source

The correspondence between the signal sources in the menu and the ports of the interactive whiteboard is shown in the Table below.

Table 22 – Correspondence of signal sources to the ports of the interactive whiteboard

Signal source	Port
OPS	JAE (80-pin)
Type-C Rear	USB (C) 3.2 Gen 1×1 with DP 1.2 Alt Mode
HDMI 1	HDMI 2.0 (IN) 1
HDMI 2	HDMI 2.0 (IN) 2
VGA	VGA (IN)
DP	DP 1.2 (IN)
HDMI Front	HDMI 2.0 (IN)
Type-C Front	USB (C) 3.2 Gen 1×1 with PD 3.0 and DP 1.2 Alt Mode

3.3.6 Using Windows OS on the Interactive Whiteboard

To use Windows OS on the interactive whiteboard, a compatible mini computer must be installed. After installing the mini computer, the user gains access to the functions and applications of Windows OS.

NOTE. Mini computer is not included in the package.

ATTENTION! Use only mini computers recommended by the manufacturer (PSMB528K001, PSMB528K002 models) for this interactive whiteboard.

ATTENTION! Connect the mini computer only to an interactive whiteboard that is disconnected from the power supply.

3.3.6.1 Installing the Mini Computer

To install the mini computer, do the following:

Step 1. Unscrew the two retaining screws, as shown in the Figure below, and remove the protective tray from the slot with the JAE (80-pin) connector located on the left side of the interactive whiteboard.

Step 2. Insert the mini computer into the slot with the ventilation holes facing outward. The mini computer casing must fit into the guide grooves at the top and bottom, as shown in the Figure below. The protrusions for the retaining screws must fit tightly against the side surface of the interactive whiteboard.

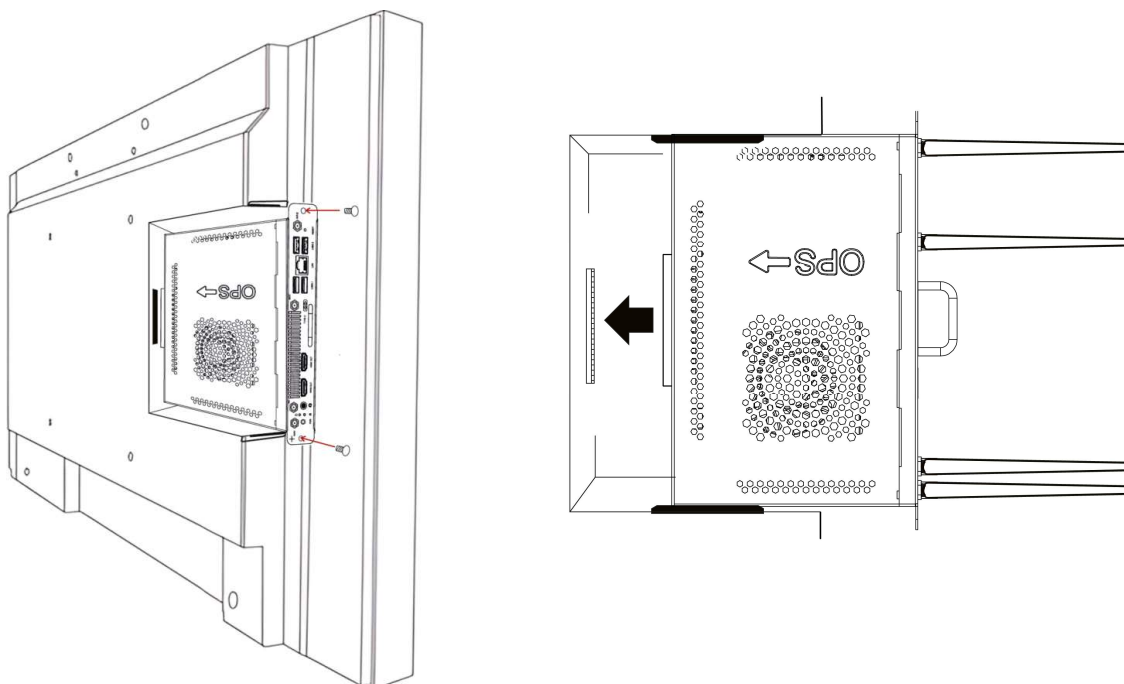


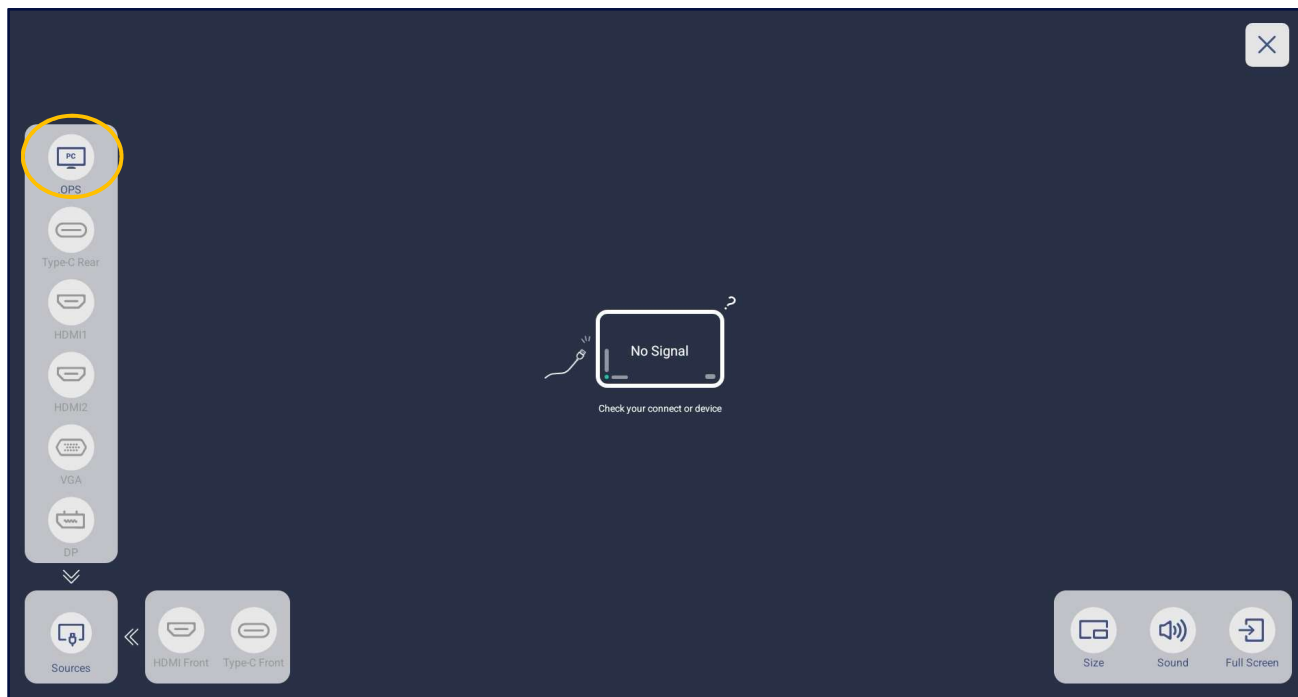
Figure 19 – Installing the Mini Computer

Step 3. Tighten the retaining screws back to their original position, securely fastening the mini computer.

3.3.6.2 Connecting the Mini Computer

Step 1. After installing the mini computer, connect the interactive whiteboard to the power supply and turn it on (for details, see subsections 2.3 and 2.4).

Step 2. Press the button  on the remote control or open the system application  "PIP (Picture in picture)", then select the "OPS" signal source, as shown in the Figure below.



Step 3. Wait for the Windows OS interface to appear on the screen. After that, you will have access to the Windows OS installed on the mini computer and will be able to control the interactive complex consisting of the interactive whiteboard and the mini computer.

NOTE. See also the user manual of your mini computer.

3.3.7 Applications

The interactive whiteboard comes with preinstalled applications for organizing collaboration, conducting presentations, managing and exchanging files, solving educational and other tasks (see the Table below).

Table 23 – Preinstalled applications of the Interactive Whiteboard and their purpose

Icon	Name	Intended use
	Chrome	Search for information and browse web pages
	Voice Recorder	Record, save, play back, and send audio files

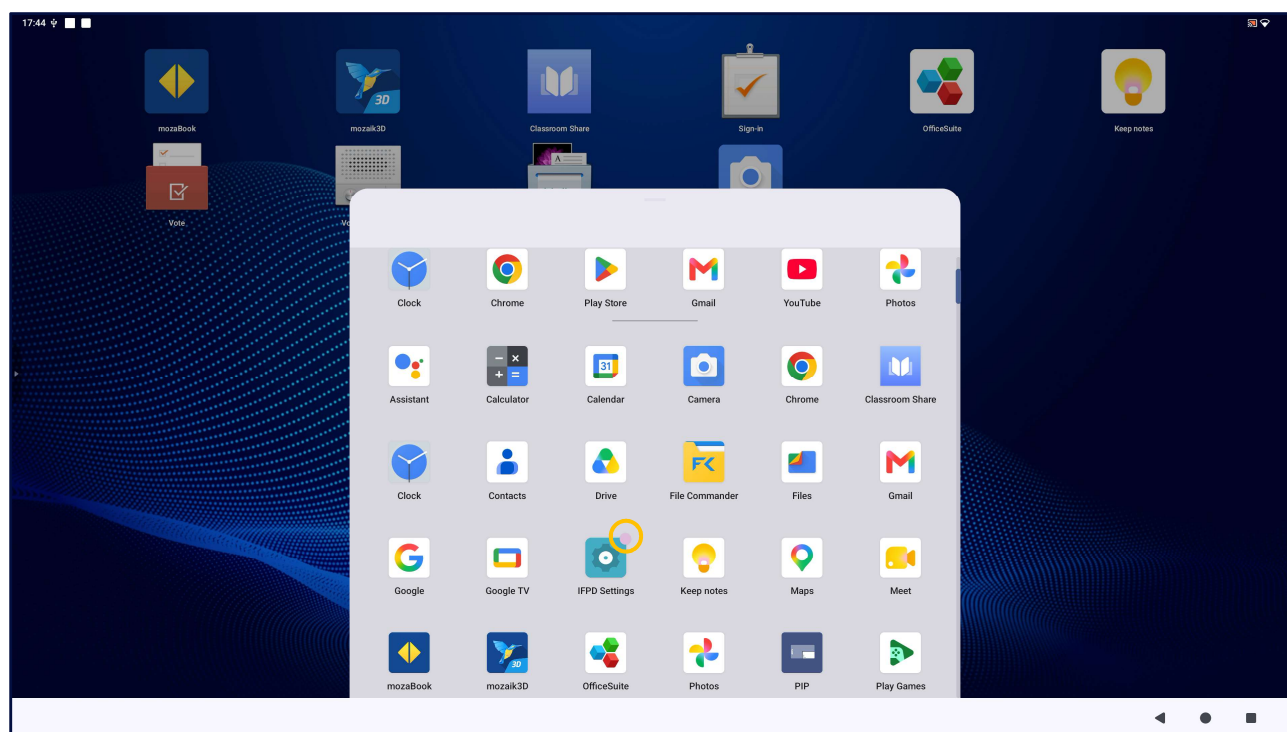
Icon	Name	Intended use
	Classroom Share	Exchange files and collaborate between connected devices
	Calculator	Perform mathematical calculations
	Viso	Remote access to the interactive whiteboard with an extended set of functions
	Google Play store	Search, install, and update applications
	Google Assistant / Gemini *	Search for information, control the device, and execute commands using an AI assistant
	OfficeSuite/ MobiOffice *	View, create, and edit documents, spreadsheets, presentations, PDF, and other file formats
	Calendar	Plan and manage events, meetings, and reminders
	Camera	Control the built-in camera (if available), take photos and videos
	Clock	Clock, alarm, timer, and stopwatch functions
	Contacts	Create, store, and manage contact information
	Drive	Google cloud storage for saving and sharing files
	File Commander	View files and folders and manage them on the device, in the local network and cloud storage, USB drives, as well as exchange files between the interactive whiteboard and external devices
	Files	View and manage device files and folders
	Gmail	Access email, exchange electronic messages
	Google	Access Google services and settings
	Google TV	Search and view multimedia
	IFPD Settings	Configure system parameters and additional functions of the interactive whiteboard

* The application may change depending on the region and installed Android OS updates.

Icon	Name	Intended use
	Keep Notes	Create text notes, task lists, and reminders
	Maps	View maps and build routes
	Meet	Conduct video conferences and online meetings
	mozaBook	Conduct interactive lessons using multimedia, 3D models, animations, and digital textbooks
	mozaik3D	Study educational materials using interactive 3D models and animations
	Photos	View, search, and manage photos, screenshots, and videos stored on the device
	PIP	Select the signal source and output the image via JAE (80-pin), HDMI, USB (C), DisplayPort, and VGA ports with the ability to use "Picture in picture" mode
	Play Games	Manage your Google gaming profile and synchronize game progress
	RDM	Remote access to the interactive whiteboard with a basic set of functions
	Safety	Emergency alerts, location sharing, and other personal safety features
	Settings	Configure standard Android OS parameters
	Sign-in	Create and manage electronic signatures with the ability to generate QR codes
	Signage	Create presentation materials using ready-made templates
	Transcreen	Wireless image transfer from external devices to the interactive whiteboard screen
	Visualizer	Create and edit photos from the built-in camera, collages, export photos to the Whiteboard application
	Vote	Conduct voting, surveys, and other interactive events, including messaging, participant registration, and user selection with the ability to connect via a link, PIN code, or QR code
	YouTube	View and publish video materials

Icon	Name	Intended use
	YT Music	Listen to music, podcasts, and audio recordings
	Whiteboard	Drawing, note-taking, and collaboration with the ability to split the workspace into 3 zones. The application supports handwriting recognition, annotation mode, multimedia work, and saving materials in various formats

To go to the list of installed applications, swipe up on the Android OS page. The first row contains frequently used applications, and below is the full list of installed applications. The label  in the corner of the application icon indicates the presence of new or unread notifications (see the Figure below). To view notifications, swipe down from the top edge of the screen.



The main actions with applications are presented in the Table below.

Table 24 – Main actions with applications

Function	Actions
Launch the application	Press the application icon once
Application exit	Press the exit button or X in the application window or use the buttons  or  on the Android OS navigation bar NOTE. Some applications may continue to run in the background. To completely close the application, press the button  on the navigation bar, select the desired application, and swipe it up. To close all open applications, press "Clear All"

Function	Actions
View application information	Press and hold the application icon for 2 seconds until the options menu appears. Select the "App info" option
Manage application permissions to access the user's personal data (location, photos, videos, etc.)	Press and hold the application icon for 2 seconds until the options menu appears. Select the "App info" option. In the window that opens, select the "Permissions" line.
Add/remove icons	Press and hold the application icon for 2 seconds. Move the icon to the main/additional page and place it in the desired location. To remove the icon from the page, press and hold it again, then move it to the icon X that appears at the top of the screen
Installing interface elements (widgets) on the main page	Press and hold the application icon for 2 seconds until the options menu appears. Select the "Widgets" option. Select the required widget, move it to the main page, and place it in the desired location NOTE. For some applications, the "Widgets" option may not be available
Creating a folder with applications	Press and hold the application icon for 2 seconds. Move the icon of one application onto another. After creating a folder, you can assign a name to it NOTE. Creating folders is available on the main and additional pages of the Android OS
Installing applications	NOTE. To install new applications through Google Play store, an Internet connection and a Google account are required ATTENTION! For security reasons, it is recommended to install applications through Google Play store. Do not install software from unreliable sources. Open the Google Play store application, enter the name of the desired application in the search bar, select it from the search results, and press "Install". Wait for the installation to complete, after which the application will appear in the menu of installed applications (see the Figure above)
Removing applications from the device memory	Press and hold the application icon for 2 seconds, then move it up to the icon III that appears. You can also select "App info" in the application options menu, then press the icon III on the application screen that appears NOTE. For preinstalled applications, the "Disable" option is available instead of removal. After disabling, the application remains on the device and can be re-enabled if necessary

3.3.8 Shutting Down

When you are finished using the interactive whiteboard, close all apps. Shut down the mini computer if present. Shut down the interactive whiteboard by doing the following:

Step 1. Put the device into standby mode: press and hold the power button on the device casing for 5 seconds or press the button  on the remote control once. The device can also be put into standby mode via the top quick settings panel. To do this, swipe down on the main/additional Android OS page, press the button  at the bottom of the screen, then confirm shutdown by pressing the button  again.

Step 2. Set the power switch to the **O** ("Off") position (see Figure 4).

ATTENTION! Unplug the device when it is unattended.

4 Maintenance and repair

To maintain the proper condition and stable operation of the interactive whiteboard, periodically clean its surface. Abide the following rules:

- before cleaning, turn off the interactive whiteboard, disconnect it from the power supply, and disconnect all cables and external devices;
- use a dry soft microfiber cloth to clean the casing;
- use a soft brush to clean the ports;
- do not use aggressive detergents, products containing acids and solvents, abrasive products, or metal sponges for cleaning;
- prevent moisture from entering the casing and ports.

Repair of the interactive whiteboard is carried out at authorized service centers (addresses of authorized service centers are available on the **[prestigio-solutions.com/warranty webpage](https://prestigio-solutions.com/warranty)**). The warranty remains valid if the device installation, safe operation, and maintenance rules are followed. The warranty is void in case of damage resulting from opening or using uncertified components, device modification, use of non-original spare parts for repairing the interactive whiteboard, or involving third-party services. If the repair was performed outside an authorized service center, the right to warranty service is void (see section 5 "Warranty obligations" below).

In the event of a warranty repair or replacement, contact the seller with the sales receipt and the purchased device.

For more detailed information on replacing and repairing the interactive whiteboard, contact a local representative of the company or technical support via the special form on the **prestigio-solutions.com** website.

4.1 Replacing the RTC Battery

The RTC battery powers the real-time clock and saves the interactive whiteboard system settings after it is disconnected from the power supply. If the battery is discharged, the date, time, and some system settings may be reset.

NOTE. Replacement batteries are not included.

ATTENTION! The battery must be replaced only by a specialist at an authorized service center (for addresses of authorized service centers, visit **prestigio-solutions.com/warranty**). Do not replace the battery on your own.

ATTENTION! When replacing the battery, the specialist must wear latex/rubber gloves, safety goggles, and a respirator mask.

When replacing the battery, the specialist must follow the instructions below:

Step 1. Make sure the interactive whiteboard is turned off and disconnected from the power supply. Unscrew the retaining screw and remove the RTC battery slot, as shown in the Figure below.

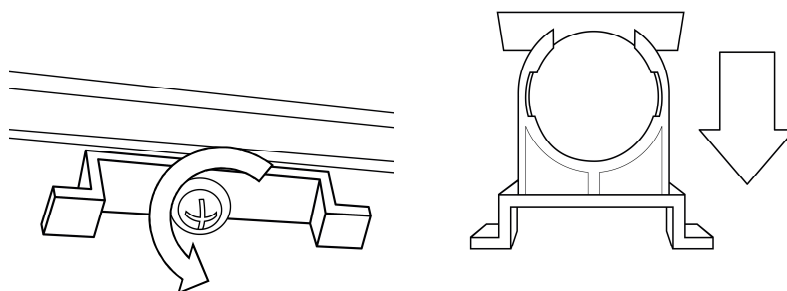


Figure 20 – Removing the RTC Battery Slot

Step 2. Remove the discharged battery from the slot and install a new one, as shown in the Figure below.

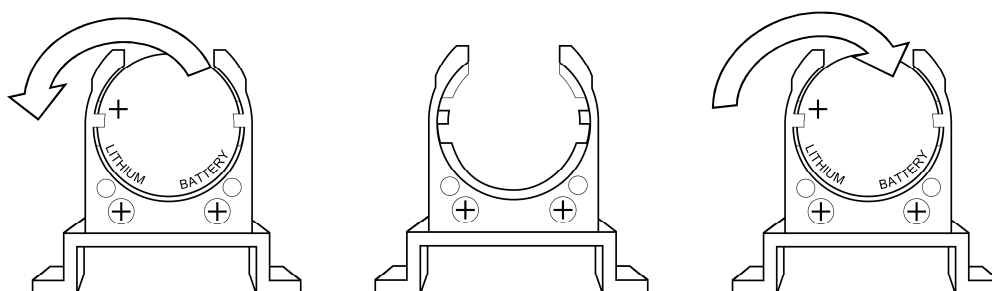


Figure 21 – Replacing the RTC Battery

Step 3. Reinstall the slot into the device and secure it with the retaining screw, as shown in the Figure below. Dispose of the failed battery in accordance with applicable local recycling regulations.

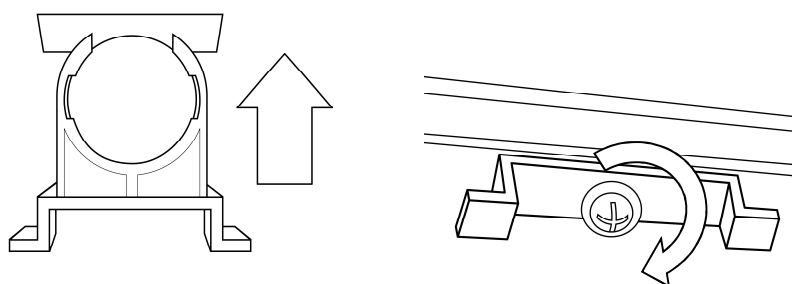


Figure 22 – Installing the RTC battery slot

5 Warranty obligations

The manufacturer guarantees the absence of defects in all materials, components, and assembly of Prestigio Solutions® branded products, provided that the operating and storage rules are followed during the warranty period.

The manufacturer's warranty for the device is **3 (three) years**, unless otherwise provided by local legislation. The service life of the device is **3 (three) years** if the operating and storage rules are followed. The warranty period starts from the date of retail sale of the device to the end customer. The date of sale must be indicated in the document confirming the purchase.

This limited warranty may differ from the warranty procedures provided by local legislation. In this case, the manufacturer ensures the fulfillment of warranty obligations in accordance with the legislation of the country where the product was purchased (see also the information on the **prestigio-solutions.com/warranty** webpage).

The warranty card entitles you to warranty service only if the following conditions are met:

1. All fields of the card are filled in with clear handwriting.
2. The seller's seal with its details is affixed.

The warranty is valid only in the country where Prestigio Solutions® products were purchased. The limited warranty is valid only for the original buyer and is not transferable or assignable.

For warranty replacement, the device with the receipt must be returned to the selling company. Warranty service for Prestigio Solutions® branded products is provided only in the country of purchase.

5.1 Warranty Service Procedure

In case a possible malfunction or defect in the device is discovered, the buyer should contact an authorized service center before the warranty period expires and provide the following information:

- the device with the suspected malfunction or defect;
- the original document confirming the purchase, clearly indicating the name and address of the selling company, as well as the date and place of purchase.

Up-to-date information about the company providing warranty service is available on the **prestigio-solutions.com/warranty** webpage.

5.2 Limitation of Liability

Prestigio Solutions® branded products are not eligible for free warranty service if the following damage or defects are detected:

- Damage caused by force majeure, accidents, negligence, intentional or careless actions (omissions) of the buyer or third parties;
- damage caused by force majeure (natural disasters such as fire, flood, earthquake, lightning strike, etc.);
- damage caused by the impact of other objects, including, but not limited to, exposure to moisture, dampness, extreme temperatures or environmental conditions (or in case of their sudden change), corrosion, oxidation, food or liquid ingress, as well as exposure to chemicals, animals, insects, and their waste products;
- malfunctions resulting from repairs performed outside an authorized service center and using non-original spare parts;
- defects caused by improper operation of the device, use not in accordance with its intended purpose, including use contrary to the user manuals, use of incompatible components;
- any defects caused by the use of incompatible software;
- alteration, removal, erasure, or damage to the serial number of the product (or the serial number sticker on its parts);
- damage resulting from violation of the device installation and operation rules and conditions set out in the operating manual;
- cracks and scratches, as well as other defects resulting from transportation, use by the buyer, or careless handling on their part;
- mechanical damage occurring after the device is handed over to the user, including damage caused by sharp objects, resulting from bending, compression, falling, etc.;
- defects caused by natural wear and tear of the device.

This limited warranty is the exclusive and only warranty provided and is in lieu of all other express or implied warranties.

The manufacturer provides no warranties, express or implied, beyond the description contained herein, including any implied warranties concerning the merchantability and fitness for a particular purpose. It remains at the discretion of the buyer to use a faulty, defective, and unacceptable device.

The manufacturer is not liable for damage caused to other property due to any defects of the device, loss of device utility, loss of time, or any special, incidental, indirect, or consequential damage, punitive damages, and losses, including, but not limited to, commercial damage, loss of profit, lost revenue, loss of confidential or other information, losses caused by interruptions in commercial or production activities due to the device being found faulty, defective, and unfit for use, in the event that the user, knowing about the established malfunction or defect, continued to use the device.

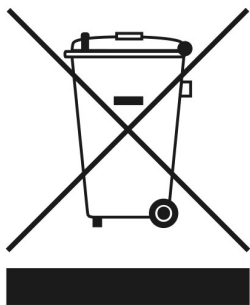
NOTE. ASBISC Enterprises PLC does not manufacture products classified as critical equipment. Critical equipment includes life support systems, medical devices and equipment used for implantation, commercial transportation equipment, equipment for nuclear installations or systems, as well as equipment for other applications where device failure may result in injury or death of a person, as well as property damage.

6 Rules for Storage, Transportation, and Disposal

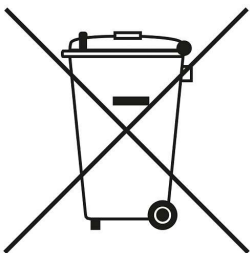
Observe the storage and operating conditions of the device established by the manufacturer (see the "Limitations and Warnings" section and subsection 1.5 "Technical Specifications" above).

Long-term storage of the device is permitted only in the original packaging, in dark, dry, clean, well-ventilated enclosed premises.

Transportation of the device is possible by any type of covered vehicles (in railway cars, closed cars, sealed heated aircraft compartments, etc.) over any distances in accordance with the requirements of applicable regulatory documents applicable to fragile cargo susceptible to moisture. The device and accessories must be kept in their original packaging during transportation. Similar requirements of the applicable regulations apply to the device's storage conditions in the supplier's warehouse.



These symbols indicate that when disposing of the device, its batteries and accumulators, as well as its electrical and electronic accessories, you must follow the rules for handling waste electrical and electronic equipment (WEEE) and rules for handling waste batteries and accumulators. According to regulations, this device must be disposed of separately at the end of its service life. Do not dispose of the device, its batteries and accumulators, as well as its electrical and electronic accessories together with unsorted household waste, as this will harm the environment.



The device uses disposable batteries. At the end of their service life, they must be removed from the device and disposed of separately in accordance with applicable local battery recycling regulations. To dispose of this device, you must return it to the point of sale or take it to a local recycling center. For detailed information, contact your local household waste disposal service.

Disposal of the failed RTC battery. Wear latex/rubber gloves, safety goggles, and a respirator mask. Carefully remove the failed battery and place it in one or two transparent plastic bags. Dispose of the failed battery in accordance with relevant local regulations concerning disposal.

7 Other information

Manufacturer details

Name	ASBISC Enterprises PLC
Address	Iapetou, 1, Agios Athanasios, 4101, Limassol, Cyprus
Contact information	Tel.: +48732080077, info@asbis.com, asbis.com

Importer/Distributor details

Ireland, Malta, United Kingdom

Name	ASBISC Enterprises PLC
Address	Iapetou, 1, Agios Athanasios, 4101, Limassol, Cyprus
Contact details	Tel.: +48732080077, info@asbis.com, asbis.com

Information about the organization providing warranty service

The list of organizations providing warranty service is available on the **prestigio-solutions.com/warranty webpage**.

Information about obtained Certificates and Declarations of Conformity

Declaration of Conformity (CE) dated 10.06.2026.

Declaration of Conformity (RoHS) dated 19.05.2026.

Declaration of Conformity (UA) dated 25.06.2026.

ENERGY STAR Certificate of Conformity dated 22.05.2026.

CB Test Certificate dated 16.06.2026 for models PSMB018R750 and PSMB018L757.

CB Test Certificate dated 08.06.2026 for other device models.

8 Troubleshooting

The table below lists possible problems that may occur during device operation and how to resolve them.

Table 25 – Common issues and solutions

No.	Problem	Possible causes	Solution
1	The power button indicator does not light up, the interactive whiteboard does not turn on	The power source is faulty	Connect the interactive whiteboard to another electrical outlet
			Check the power supply
2	The interactive whiteboard responds to remote control button presses only from a short distance or does not respond at all	Interference with the remote control IR signal	Eliminate interference with the remote control IR signal
		The batteries in the remote control are discharged	Replace the batteries
3	The image on the screen has a dotted line or a stripe	There is an electrical appliance nearby that creates interference	Eliminate the source of interference or move the interactive whiteboard
4	The image on the screen flickers or is distorted	The signal source cable is damaged	Replace the signal source cable, reconnect the signal source
		Incorrect screen resolution is set when connecting an external signal source	Set the recommended screen resolution in the signal source OS settings
5	There is no image on the screen, the touchscreen does not work	No contact with the signal source	Make sure the connection is secure, reconnect the signal source
		Incorrect signal source selected	Select the required signal source
		The signal source cable does not match the interface of the interactive whiteboard	Check the cable compatibility with the interface, replace it with a cable of the required type

No.	Problem	Possible causes	Solution
6	The interface on the screen freezes or does not respond	Too many applications are running	Put the device into standby mode using the power button for 1–2 minutes and turn it on again. If you were unable to put the device into standby mode, perform a forced reboot by pressing and holding the power button for 10 seconds
		The firmware and/or the application used are outdated	Update the device firmware and/or the application to their latest versions
7	The touchscreen responds to touches with a delay, activates spontaneously and/or erroneously	Foreign objects or dirt on the screen surface	Remove foreign objects and clean the screen surface with a soft dry cloth
		Incorrect use of touch gestures	Write and draw with one finger; erase what is written/drawn with the palm
		The interactive whiteboard is installed at an angle	Install the device strictly vertically, without tilting, as shown in Figure 13
		There is an electrical appliance nearby that creates interference	Eliminate the source of interference or move the interactive whiteboard
		The image output device is turned off or the wrong signal source is selected in its settings	Make sure the image output device is turned on and the correct signal source is selected in its settings
8	Overheating, loud noise, OS freezing	Ventilation holes are blocked	Clean the casing from dust, ensure free air intake
9	No sound when connecting via the AUDIO (IN)/(OUT) or HDMI port	The wrong audio input/output source is selected in the OS settings	Select the required audio input/output device
		The cable and/or the audio input/output device are faulty	Use another cable / audio output device
10	External USB devices are not detected by the interactive whiteboard	The external USB device, the interactive whiteboard port and/or the cable are faulty	Check the reliability of the connection, the serviceability of the cable, the port and the external USB device. If necessary, use another port, cable and/or device

No.	Problem	Possible causes	Solution
		The external USB device is not supported by the interactive whiteboard OS	Connect an external device compatible with the interactive whiteboard OS
11	The mini computer is not detected by the interactive whiteboard	The mini computer is installed incorrectly	Put the interactive whiteboard into standby mode, disconnect it from the power supply, remove and reinstall the mini computer
		The mini computer is not supported by the interactive whiteboard OS	Connect a mini computer compatible with this interactive whiteboard
		The mini computer port contacts are dirty or have poor contact	Put the interactive whiteboard into standby mode, disconnect it from the power supply, remove the mini computer, carefully clean the contacts from dust and reinstall it
		Incorrect signal source selected	Select the required signal source
12	No access to Wi-Fi and/or LAN network	Wi-Fi is turned off	Turn on Wi-Fi in the OS settings
		The LAN cable is not connected tightly	Check the reliability of the cable connection
13	No access to BT connection	BT is turned off	Turn on BT in the OS settings
		System failure or temporary error	Restart the OS
14	The real-time clock resets every time the interactive whiteboard is turned on	The RTC battery is discharged	Contact an authorized service center to replace the battery

If none of the suggested solutions resolved the problem, contact the supplier or an authorized service center. Contacts are listed in the warranty card and on the **prestigio-solutions.com** website. Do not disassemble or attempt to repair the device yourself.

9 Glossary

BT – wireless communication technology for data exchange between devices at a short distance.

DisplayPort (DP) Alt Mode – a function that allows connecting compatible external devices via the USB (C) port for transmitting audio and video signals. To use the function, a USB (C) cable with Alt Mode support is required, as well as a compatible external device with the appropriate port.

GDPR (General Data Protection Regulation) – an EU regulation governing the processing of personal data on the Internet. The purpose of this regulation is to unify processing standards and strengthen the protection of personal data of EU residents.

HDMI – an interface for transmitting high-definition multimedia.

HDMI CEC – a function for jointly turning on/off the interactive whiteboard and external devices connected via the HDMI port.

Power Delivery (PD) – technology for fast and safe device charging.

VESA – a standardization system for mounts and sizes for electronic devices, defining device mounting parameters.

WEEE – waste electrical and electronic equipment. This is used electrical or electronic equipment, including all components, assemblies, consumables that are part of the equipment at the time of its decommissioning (including batteries/accumulators included in the package, components containing mercury, etc.).

Wi-Fi – wireless communication technology for creating local networks and connecting to the Internet.

RTC battery – a power element that ensures the operation of the real-time clock in the absence of main power.

Conference communication (video conference communication) – technology for organizing audio and video communication between remote participants in real time.

Operating system (OS) – the main software designed to control the interactive whiteboard and launch applications.

Administrator mode – advanced management of system parameters and security functions of the interactive whiteboard, import/export of OS settings, software maintenance, as well as resetting the device to factory settings. Access to this section requires entering the administrator password.

Annotation mode – creating notes on top of the screen content with the ability to save them, send them to the Whiteboard application, as well as to other external devices using a QR code.

Standby mode – the device is connected to the power supply, the power switch is in the I ("On") position, the device is turned off by the power button.

Prestigio®

SOLUTIONS



HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE



prestigio-solutions.com