



Introduction of Horion 27EP2-SA

01

**Product
Appearance**

02

**Hardware
Configuration**

03

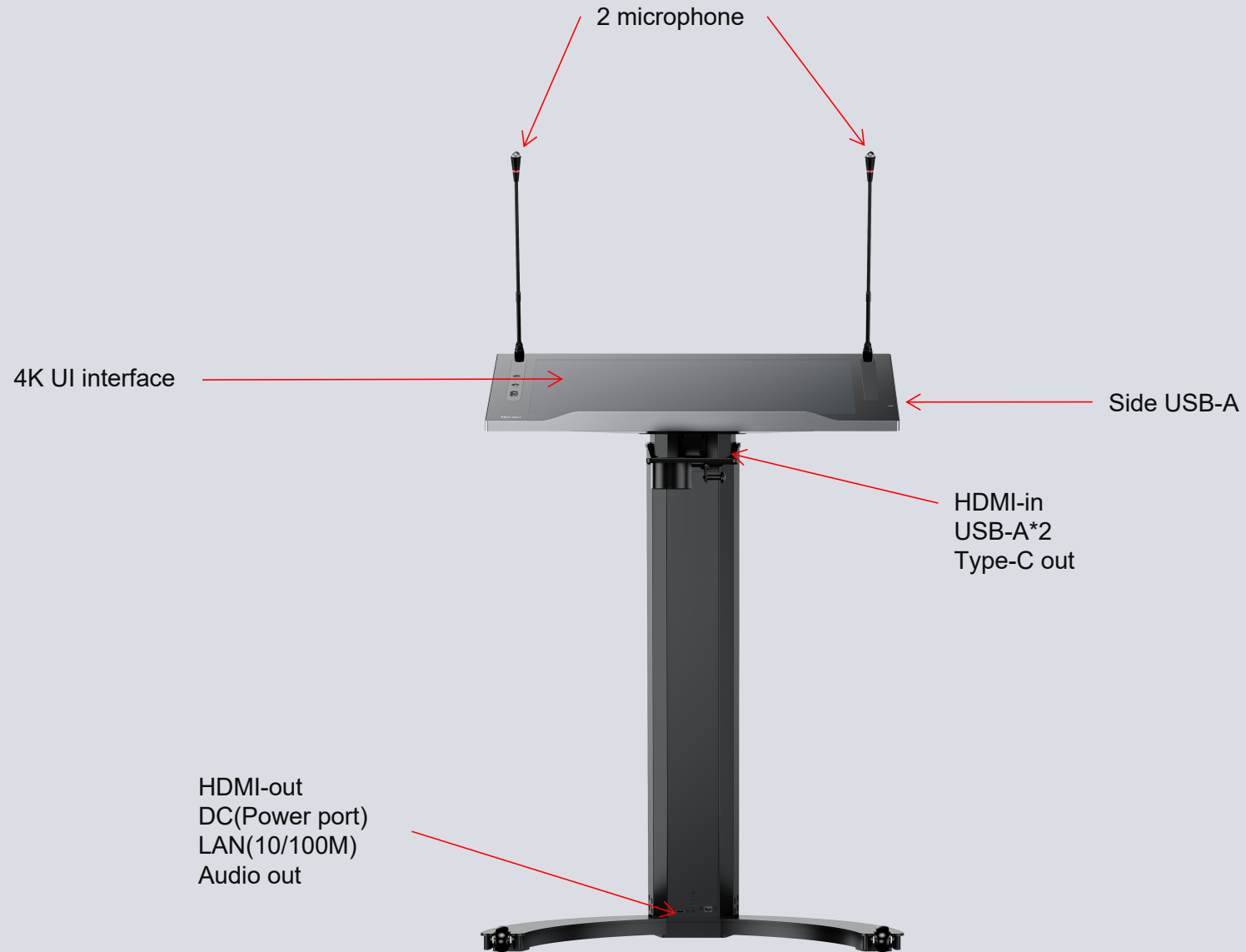
**Software
Function**



| 01 Product Appearance |



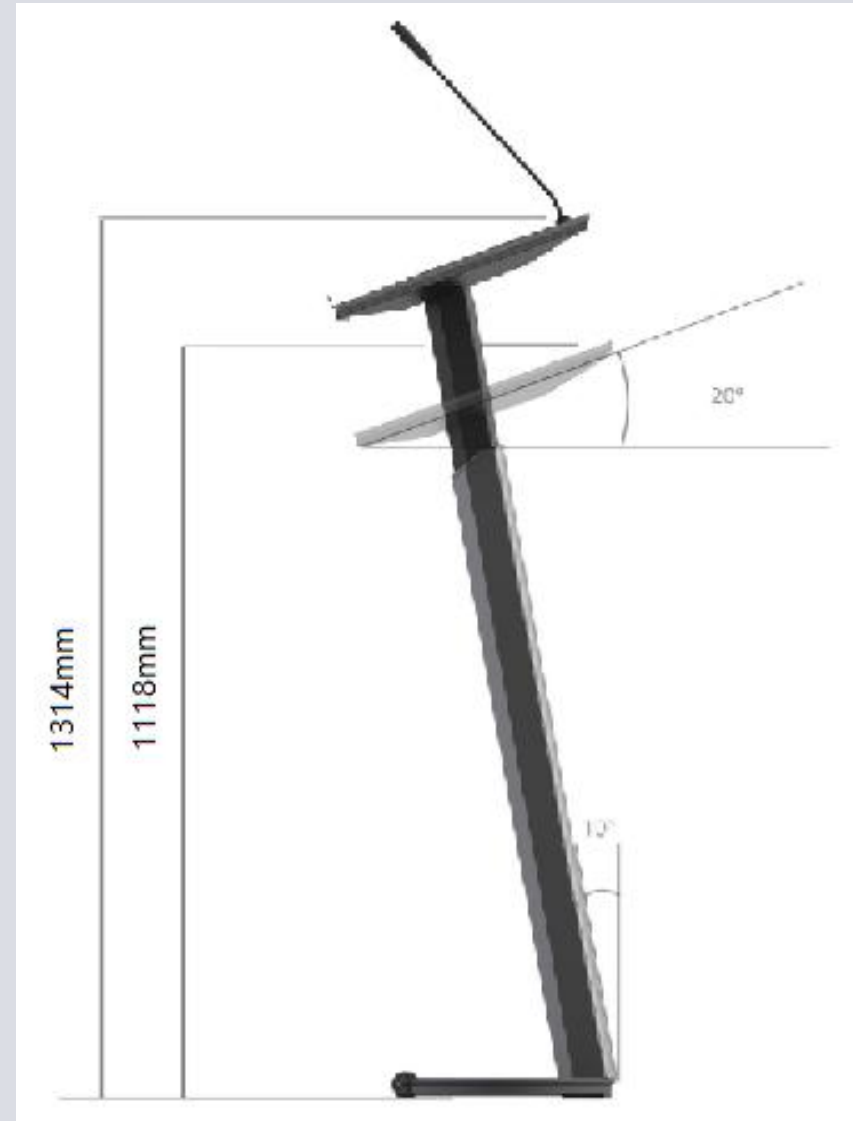
Front view





Side view

- Minimum altitude: 1118mm
- Maximum altitude: 1314mm
- Adjustable range: 196mm
- The screen is tilted upward by 20° on the basis of the horizontal direction.
- The column is inclined inward by 10° on the basis of the vertical direction



| 02 Hardware Configuration |



Screen attributions

Category	27EP2-SA
Size	27"
Backlight type	E-LED
Resolution	3840*2160
Brightness	400nit
Contrast ratio	1000: 1
Color gamut	77% NTSC
Display Colors	1.07B (10bit)
Response time	14ms
Refreshing frequency	60Hz
Sensing type	Capacitive touch



System properties



Category	27EP2-SA
System version	Android 13.0
CPU architecture	Cortex A76+A55
CPU working frequency	2.4GHz+1.8GHz
CPU cores	8-core
GPU	Mali G52-MP8
RAM	8GB
ROM	64GB
WIFI	WiFi 6
Bluetooth	Bluetooth 5.3



Category		Functions
Ports	USB 3.0	Support images, music, video file playback.
	Type-C (out)	Wired screen mirroring with other display; support 15W charging.
	HDMI IN	Transfer host signal source to the Smart Lectern for displaying (audio).
	HDMI OUT	Transfer the audio & video from the Smart Lectern to other displaying devices through HDMI cable.
	Audio OUT	3.5 mm audio output for sound & earphone connection; it is preferred to use a 2-ring & 3-section plug.
	LAN	Used to connect devices of router, PC, etc. to access wired network



Accessories list



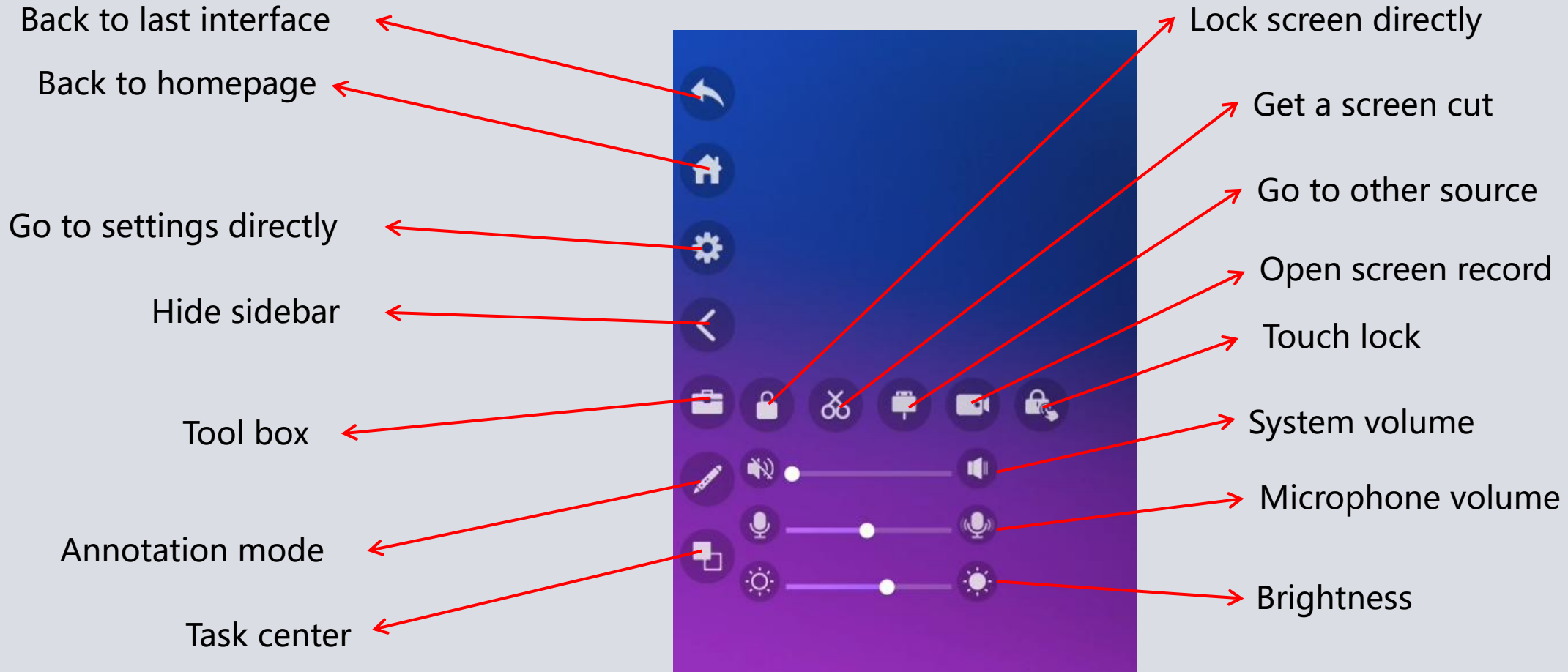
Category	Quantity
Pickup Microphone	2
Certificate of quality / Warranty card	1
3 meters power cord	3
Stylus Pen	1
5m HDMI Cable	1
Power Adapter	1
Wireless Screen Mirroring Device	1 (Optional)



| 03 Software Function |

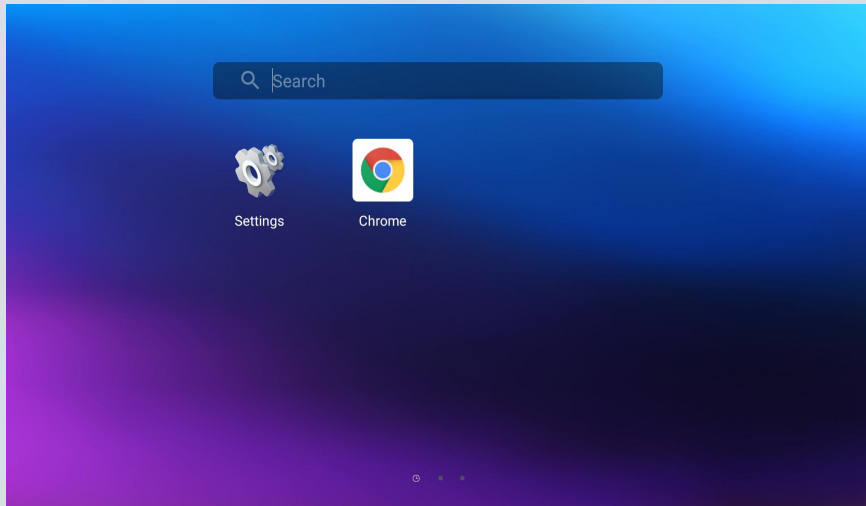


Sidebar



When connecting with a USB flash disk, the screenshots will be automatically saved in it.

Minus-one Screen



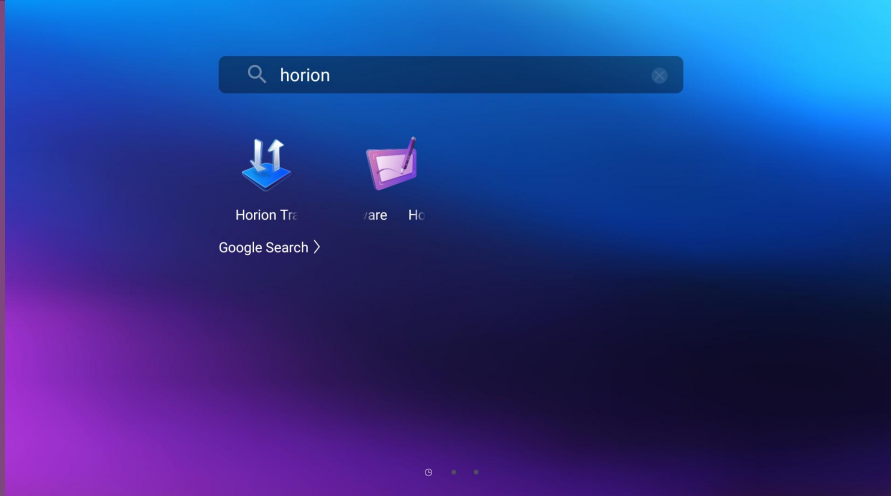
A screenshot of the 'Minus-one' screen. At the top is a dark blue search bar with a magnifying glass icon and the word 'Search'. Below the search bar are two app icons: 'Settings' (a grey gear icon) and 'Chrome' (the Google Chrome logo). The background is a gradient of blue and purple.

Recently used Apps

- Default apps for a new flat panel: Welcome Page, File Manager, App Store, Instructions
- Apps are sorted by use frequency, with a descending order from upper left to low right
- A maximum of 8 Apps can be shown

App search

- It can retrieve apps in the device according to its first letter or first Chinese character

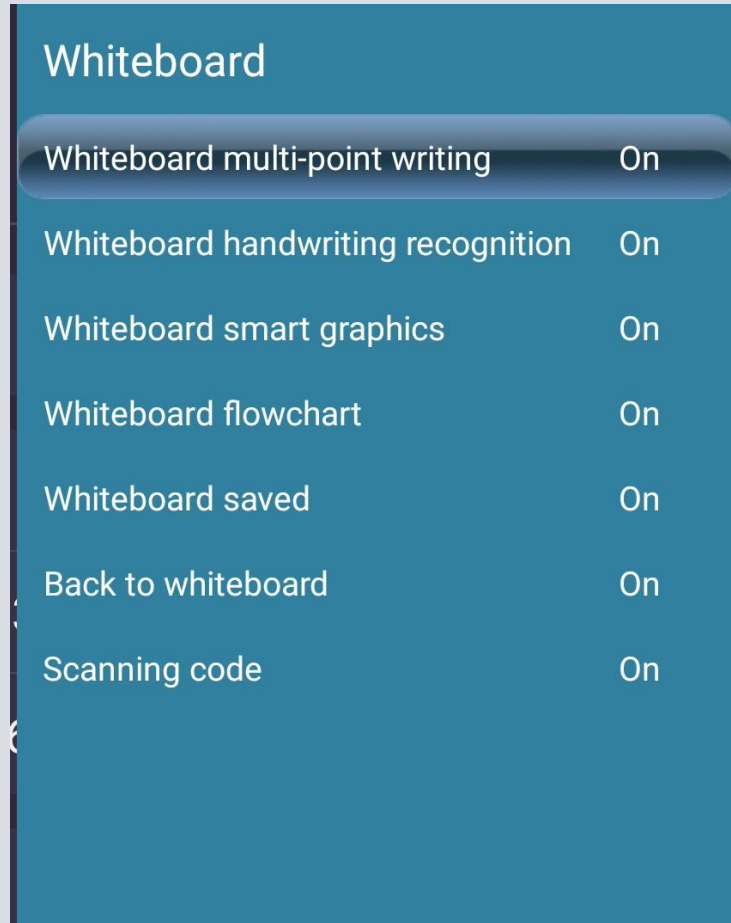


A screenshot of the 'Minus-one' screen with the search bar containing the text 'horion'. Below the search bar are two app icons: 'Horion Tr' (a blue icon with two white arrows pointing up and down) and 'Google Search' (a purple icon with a magnifying glass). The background is a gradient of blue and purple.

| 03 Software Function-Whiteboard |



Horion setting menu — Whiteboard



1. Whiteboard multi-point writing

When enabling Horion multi-point writing, several people can writing in writeboard simultaneously which is mutually exclusive with pen distinction and HWR function.

2. Whiteboard handwriting recognition

While enabling this function in whiteboard, the words you writing on the whiteboard can be recognized to standard one.

3. Whiteboard smart graphics

Support to add smart graphics in whiteboard.

4. Whiteboard flowchart

Support to add flowchart in whiteboard.

5. Whiteboard saved

Entry of "Save".

6. Back to whiteboard

Display the switch of "Back to whiteboard" on the bottom.

8. Scanning code

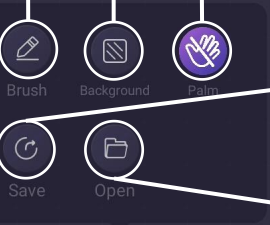
Support save whiteboard files via QR code scanning



For brush types, writing mode and recognition

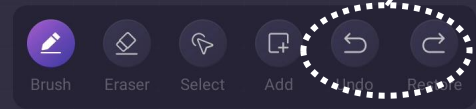
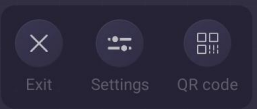
Some backgrounds for teaching and customization.

Palm rejection, prevent accidental touch that brush the contents

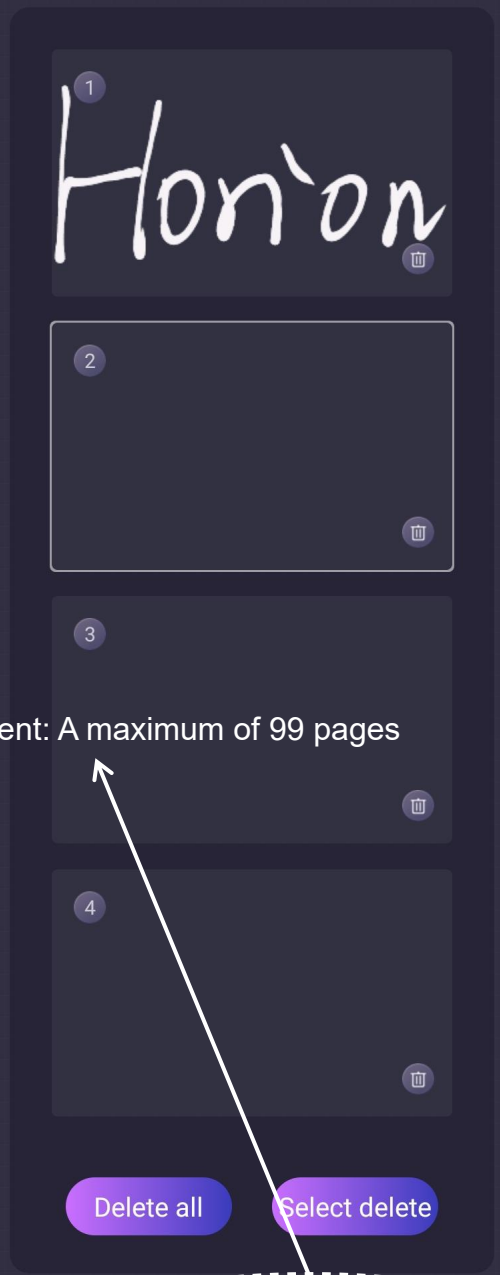


Save as whiteboard file, png or pdf file to local disk, USB flash disk, Google drive or One drive.

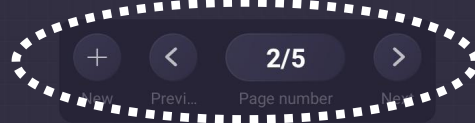
Open the whiteboard file (hwb)



Maximum 20 steps for Undo and restore.



Page management: A maximum of 99 pages



Whiteboard — Brush

Tips: As both brush mode writing and multi-point recognition require higher precision, many functions are only available under non-brush mode writing and single-point mode.

E.g., handwriting recognition; smart form; smart shape

Horion

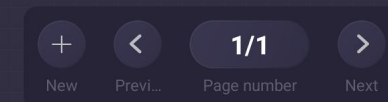
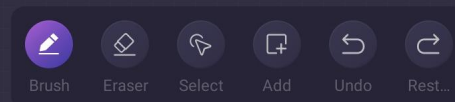
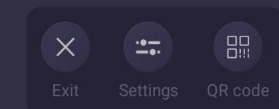
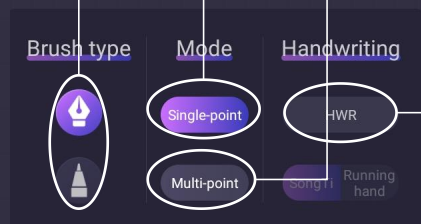
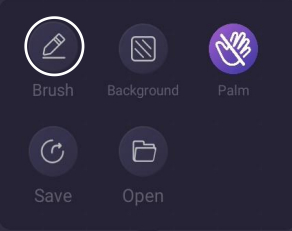
Brush types: With/without brush

Single-point writing: With brush mode writing

Multi-point writing: 20-point writing, without brush mode

Under online status, handwriting can be recognized as SongTi or Running hand typeface after enabling handwriting recognition.

Brush



Whiteboard — Brush

Tips:

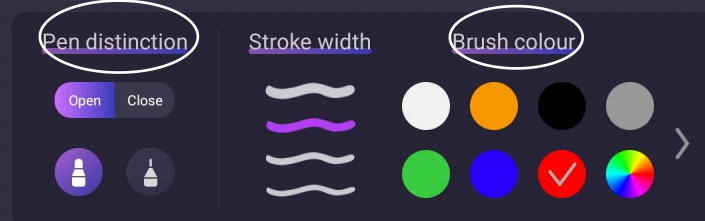
Gesture operation: Two-point zoom in/out, three-point (or above) move, erasure by the back of hand.

Pen distinction: While use double-ended pen, you can set to write in two colors with its two ends of different widths (this function conflicts with multi-point writing)

You can change the writing color by on-click the pen cab of smart pen in whiteboard.

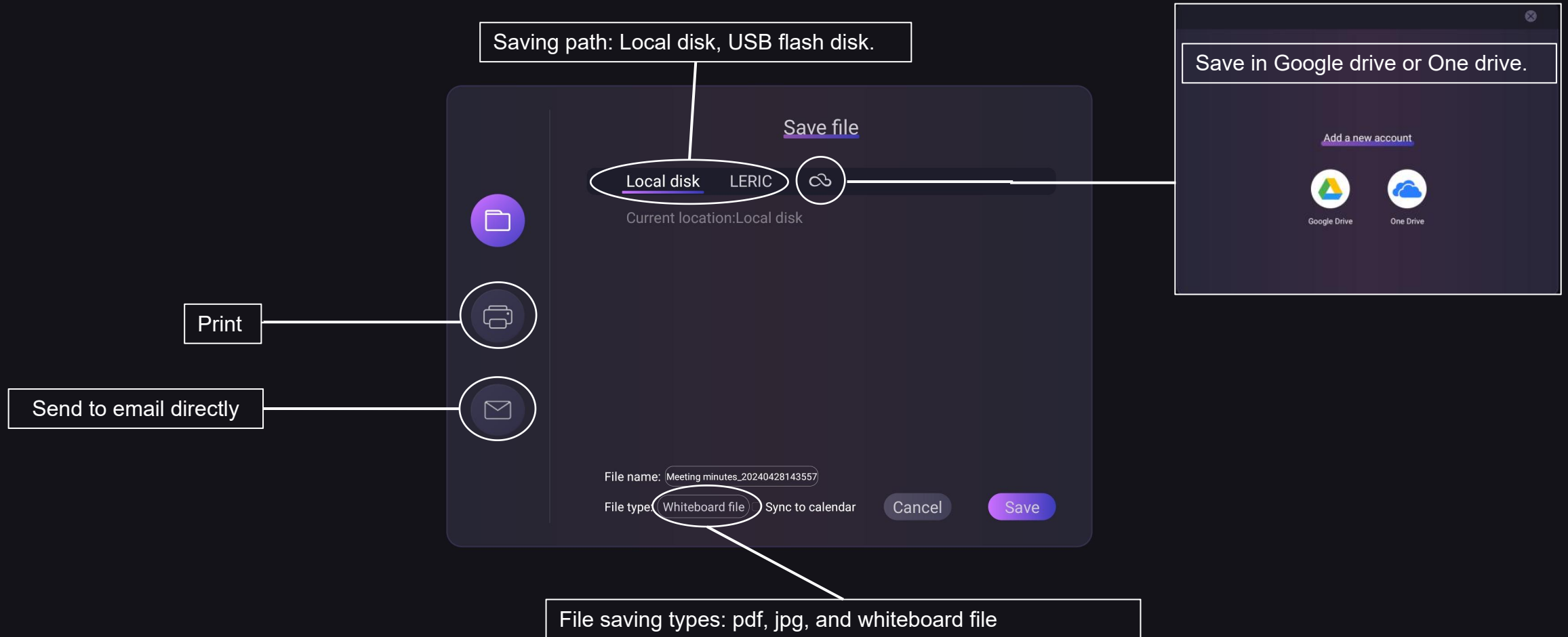
Touch writing

Two kinds of brushes for selection + point/brush mode writing



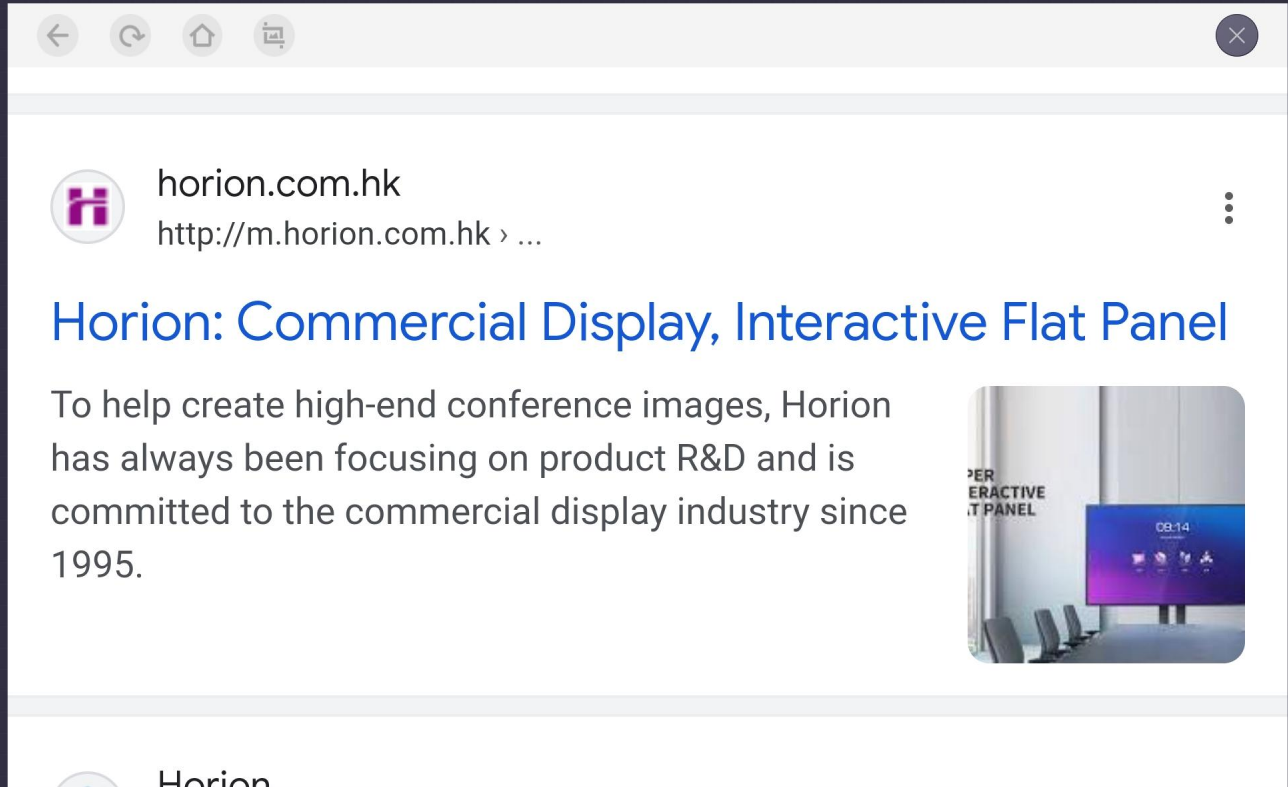
Eraser, clear whole screen or Precise erasure

Whiteboard — Saving method



Horion

After the handwriting is selected by selection function, it can be used for Google Search.



Whiteboard — Scan code to save

Horizon



OK

Create a QR code to scan with a cell phone for taking away



Exit



Settings



QR code



Brush



Eraser



Select



Add



Undo



Restore



New



Previo...



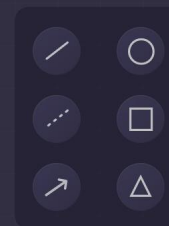
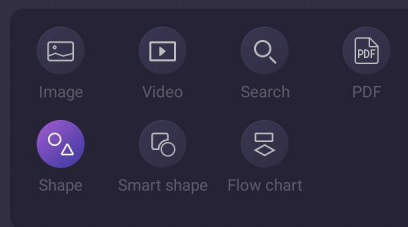
Page number



Next

Whiteboard-smart graphics

- Intelligent drawing
- Standardize hand-drawn graphics
- It supports intelligent drawing of the straight line, dotted line, circle, rectangle, and triangle

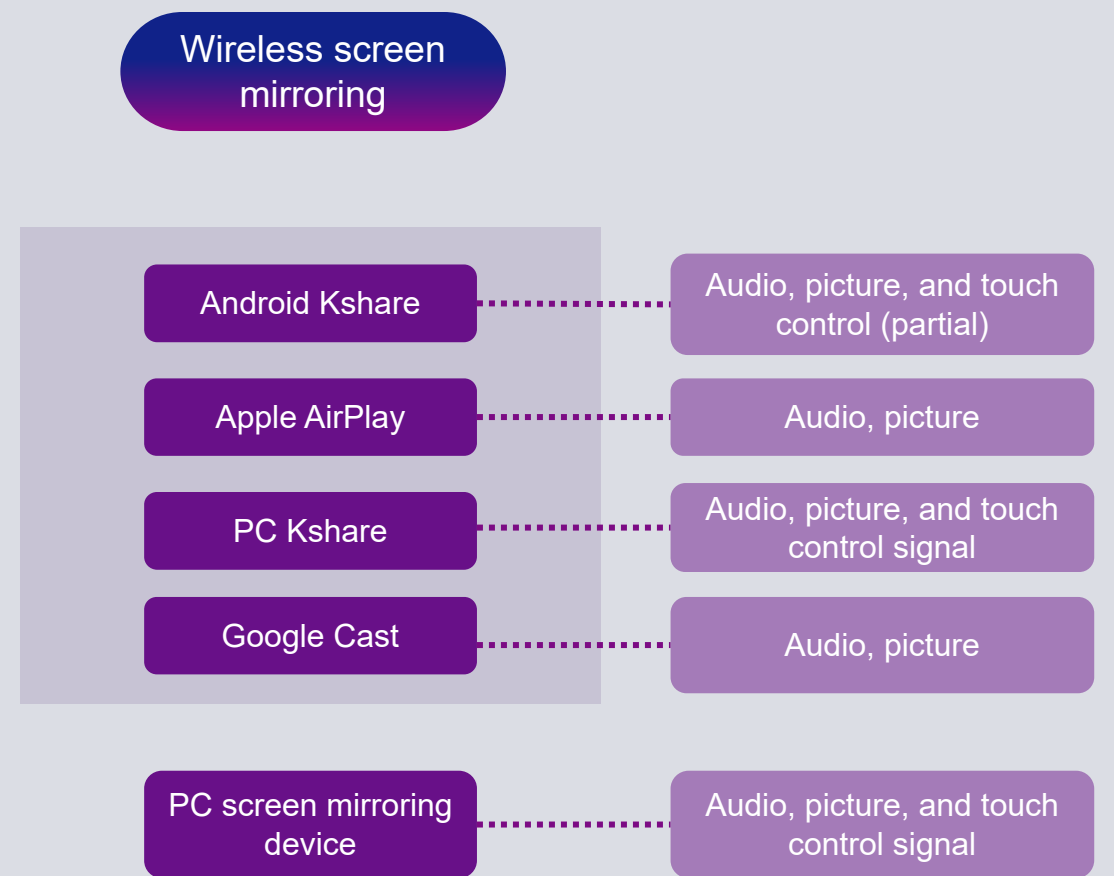
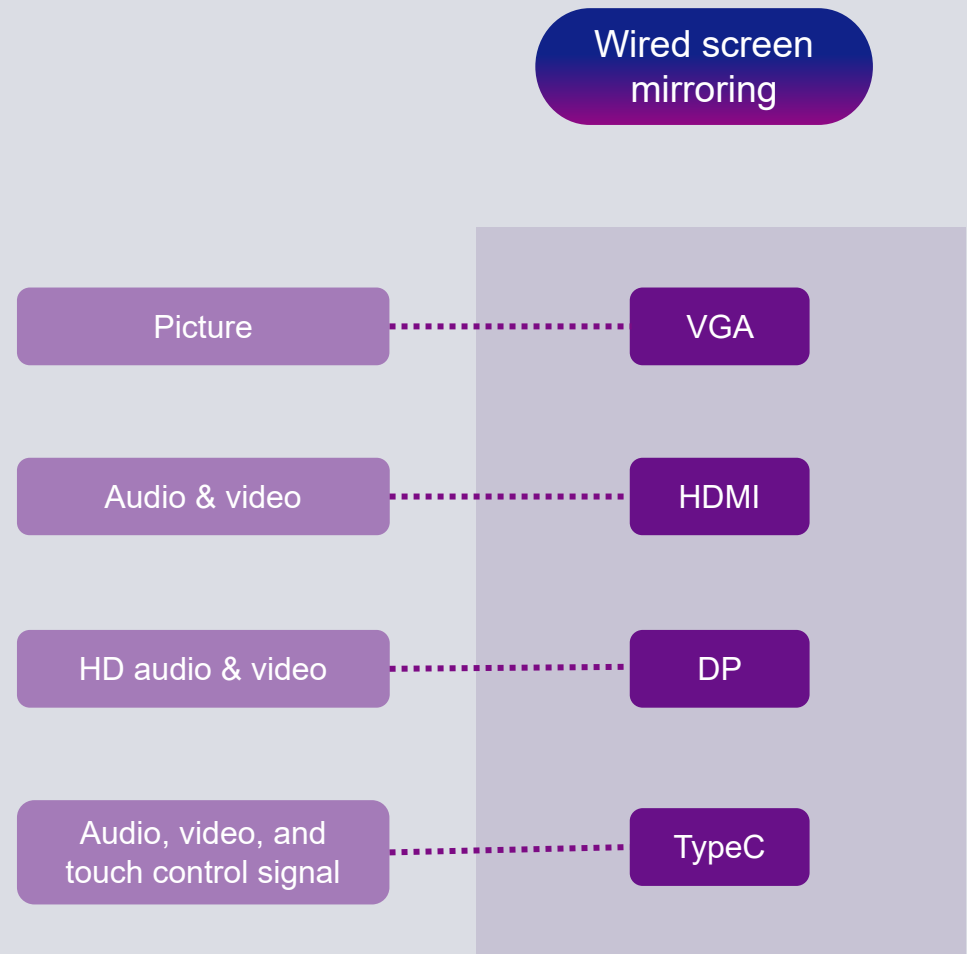


| 03 Software Function-Screen Mirror |



Screen mirroring protocol:

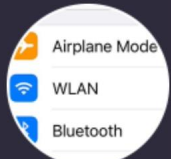
wired screen mirroring and wireless screen mirroring



Screen mirroring

- Click Screen Mirror on the Homepage
- Access the screen mirror interface, shown as follow:

AirPlay



Connect to wifi:
Horion-na



Swipe upward from the bottom or (swipe downward from the top right side) select screen mirroring



Turn on the device and start the mirroring

Open the hotspot first

Close the hot spot

5G

2.4G

Mobile device



Scan QR code with browser



Connect to wifi:
Horion-na



Start the application and operate according to the instruction

KShare

Pls refer to the instructions here carefully before screen mirroring.

PC device



Connect to wifi:
Horion-na

<http://192.168.43.1:8881/download>

Access the link on your computer, download the screen-mirroring client and install it as prompted.



Open the installed client and follow the prompts to operate.

Screen mirroring device

Used as a Transmitter



Plug into display's USB/Type-C to pair.



Connect to lectern's Type-C, select 'Transmitter', press as prompted.



Then the screen mirroring image can be seen.

Screen mirroring setting



Screen mirroring

Setting

Device name

Version information

Horion_vv >

Version information

2.3.24.04.24.1_1043 >

Activation information

Commercial activation >

ScreenCode set

Activation information



>

Display mode

>

Displaying mod

>

Show master ball



Multi-device reverse mirroring



Miracast



Activation status: activated
The number of screens: Ninth screens
MAC: E4:65:64:60:4B:65

Screen mirroring

Setting

Device name Horion_vv >

Version information 2.3.24.04 24.1_1043 >

Activation information Commercial activation >

ScreenCode setting >

Display mode >

Displaying modes of screen >

Show master ball ☒

Multi-device reverse mirroring ☒

Miracast ☐

Also support to set connect code to protect data and avoid connection error.

The setting of screen projection code

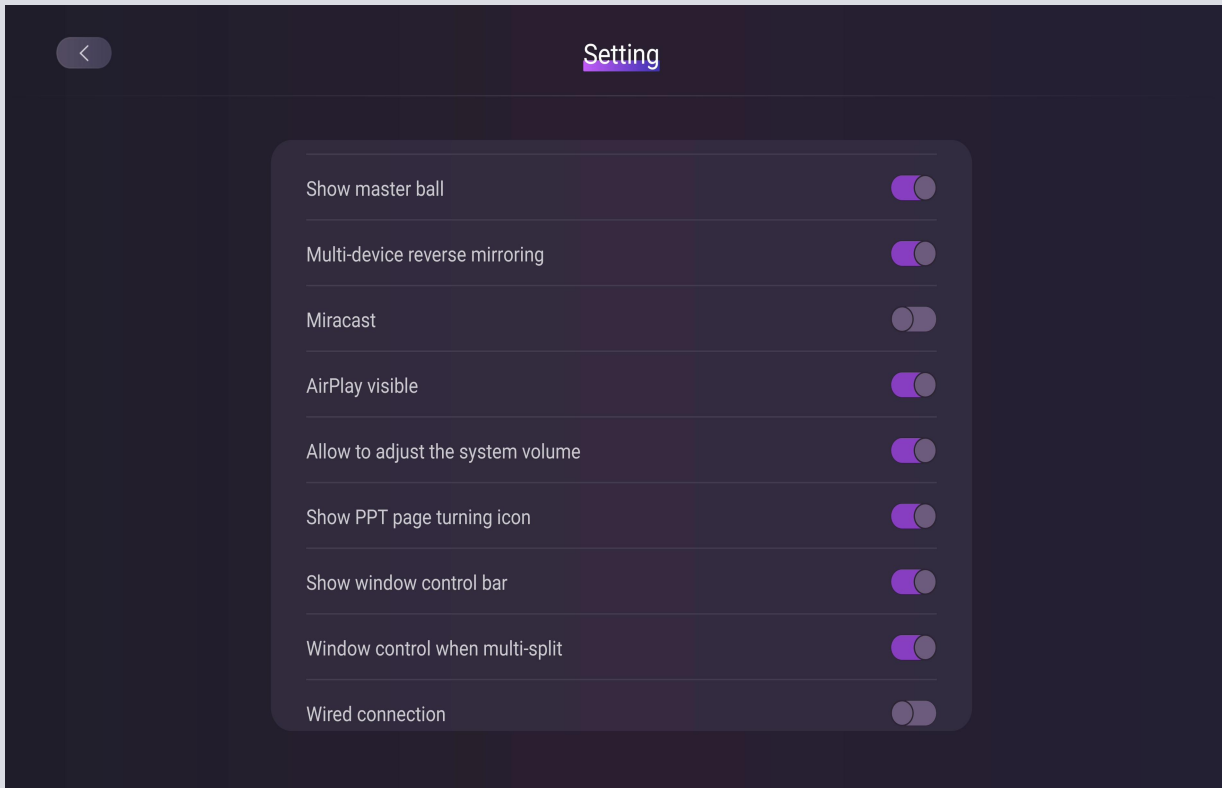
Screen projection code: 000000 ↺

Enable alphabetical code ☐

Display the floating window ☐

Cancel Close screen projection code

Screen mirroring



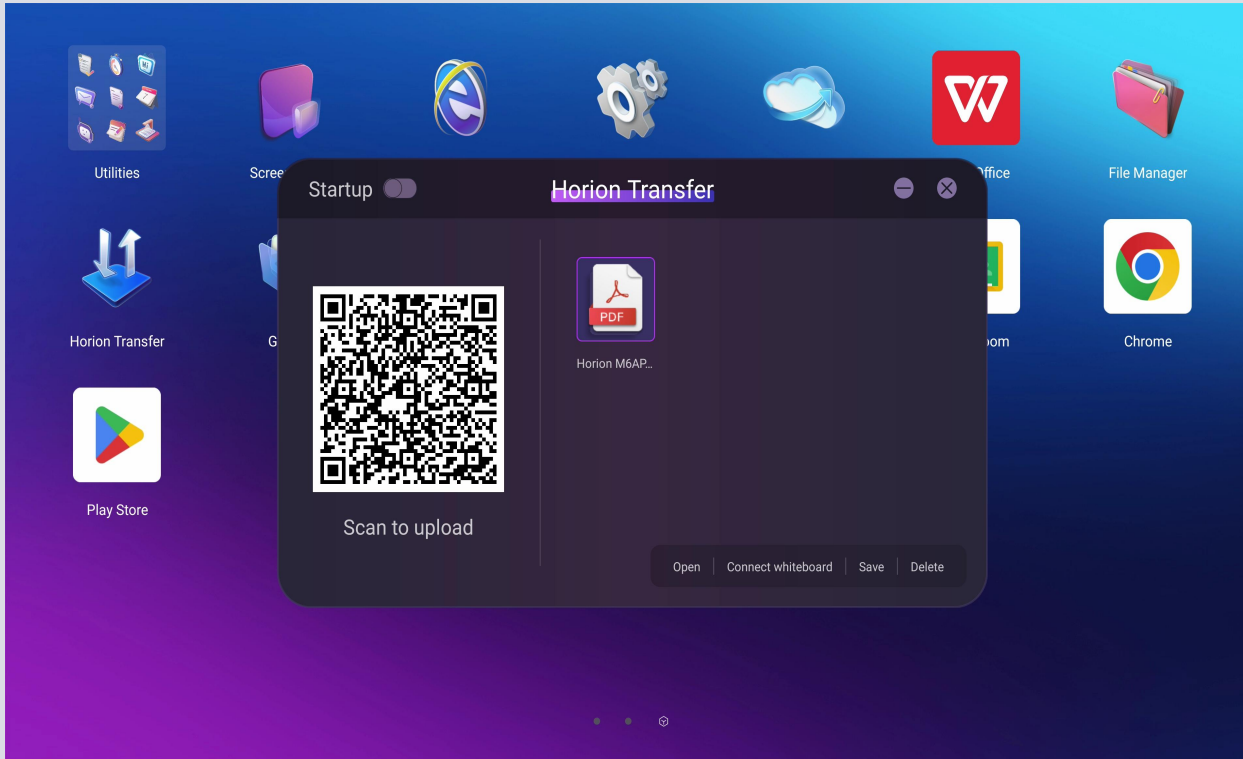
Other features

- Support AirPlay, Miracast, DLAN and also Google cast to do screen mirroring directly on the panel;
- Reverse mirroring: Support to mirror the screen of the panel to your mobile, laptop and tablet reversely;
- You can also hide the device name and WiFi password on the homepage of this Screen Mirror software to avoid others to use network.

| 03 Software Function-More |



Horion transfer



Horion transfer

- ✓ "Horion transfer" requires no software download, which can transfer files quickly from your mobile phone by scanning the QR code.
- ✓ "Horion transfer" supports fast uploading and sharing files of multiple formats such as Word, PPT, PDF, image, video, installation package, compressed file. After uploading, files can be saved on the local disk or opened directly.

Vote Kit



Utilities



KShare



Browser



Chrome



Settings



System update



File Manager



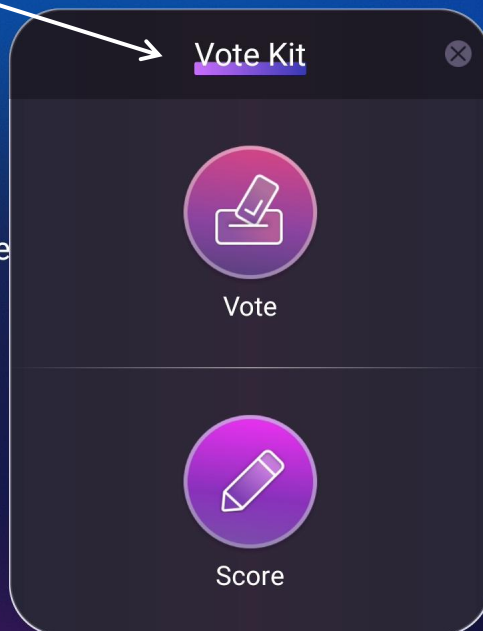
Horion Transfer



Gallery



Horion Manage



百度网盘

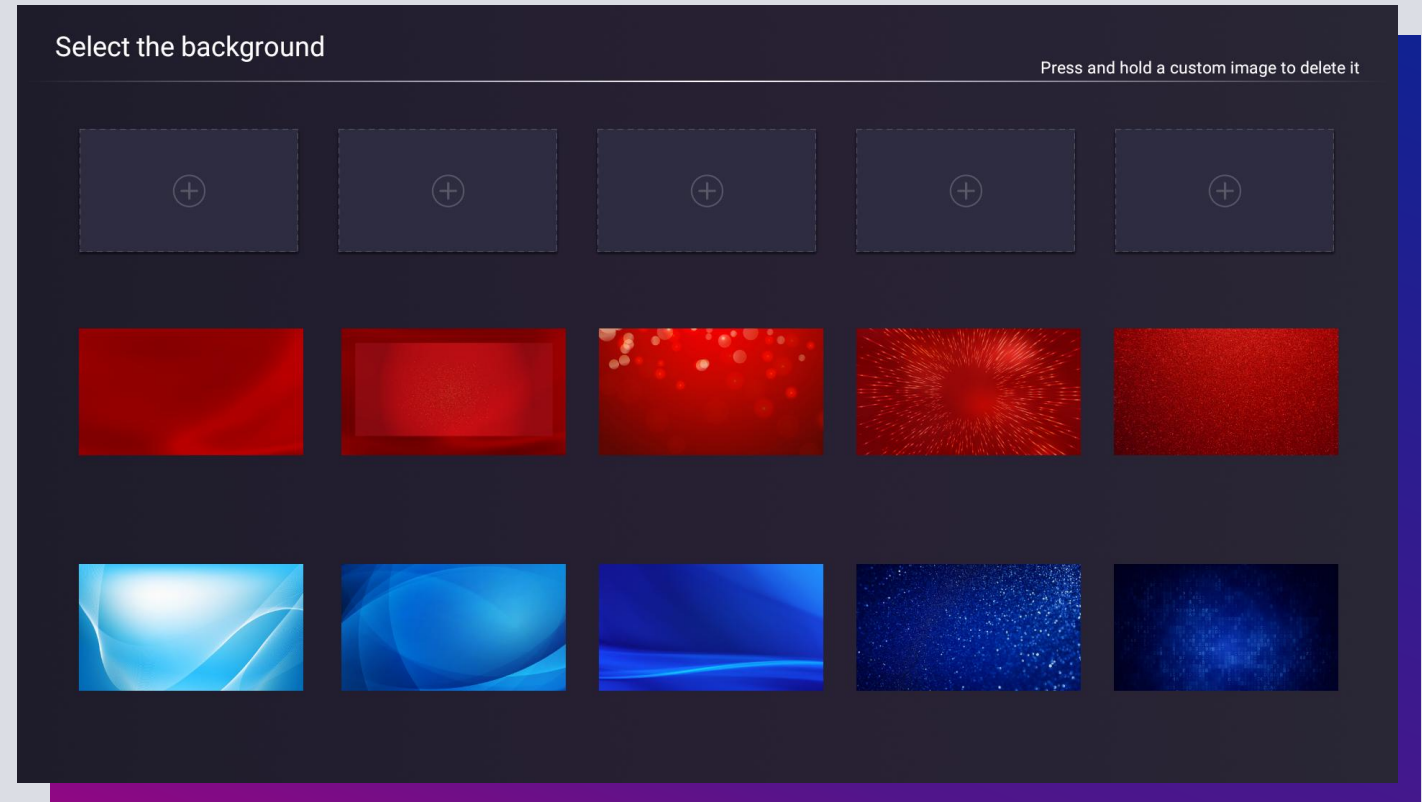


Play Store

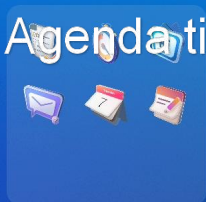
- Click the "Voting Machine" icon after being online to choose "Vote" or "Score" ;
- Under the "Vote" interface, it supports multiple options (either singular choice or multiple choice) and voting by scanning QR code;
- Under the "Score" interface, it supports adding itemized scoring for multiple choices and scoring by scanning QR code.

Welcome Page

1. Templates for multiple scenarios
2. Allow adding background music
3. Signature wall mode



Agenda timing



Utilities



KShare



Browser



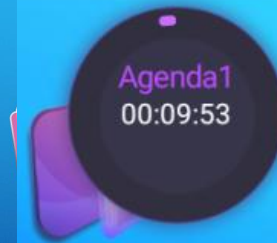
Chrome



Settings



System update



Fullscreen mirror
Agenda time floating
window effect



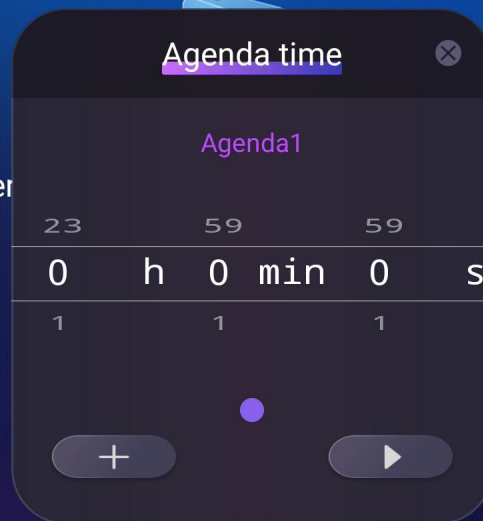
Horion Transfer



Gallery



Horion Manager



After clicking

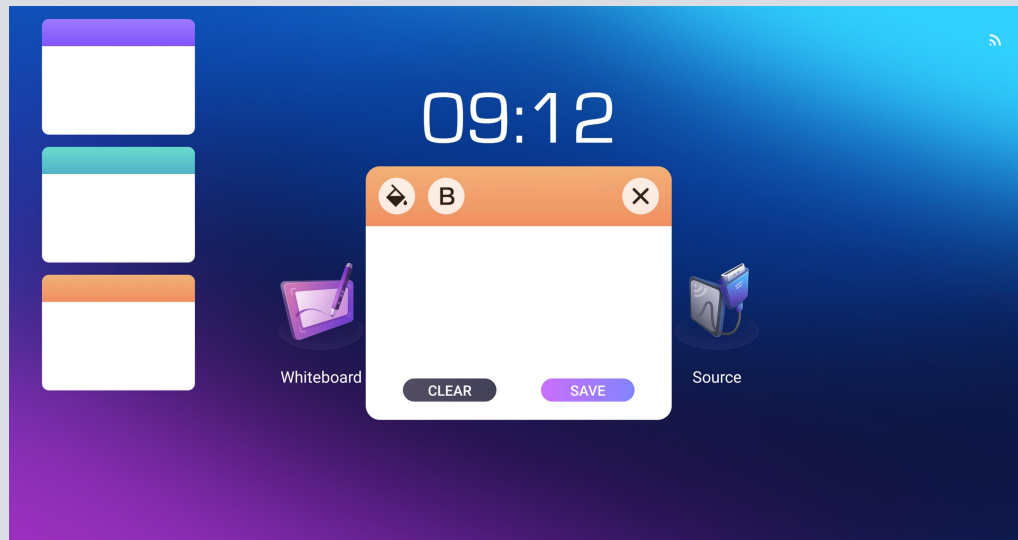
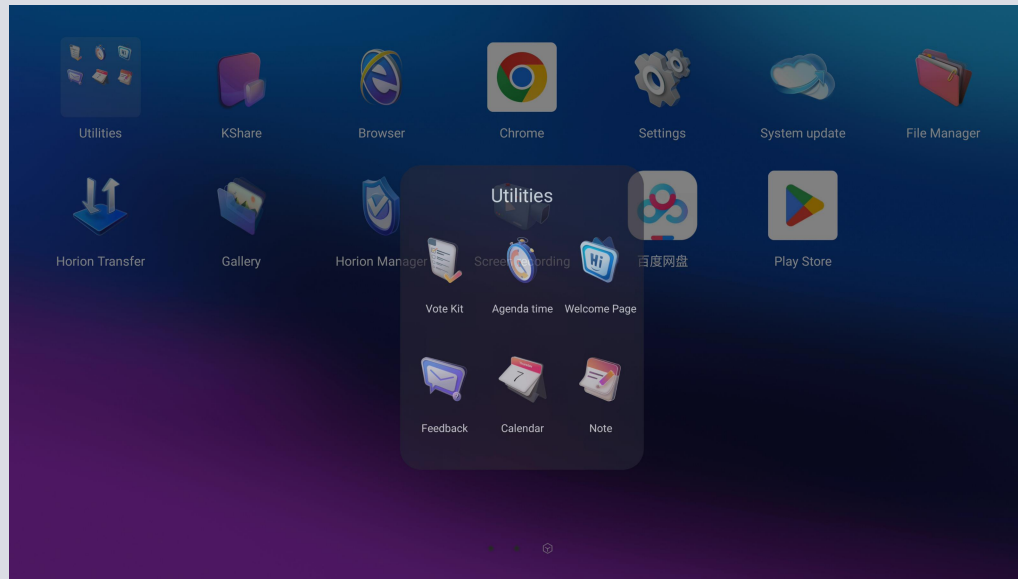


百度网盘



Play Store

Notes



- The memo is in the utilities
- It is only on the Homepage after opening
- A maximum of 3 memos can be added and a maximum of 40 characters for each
- Change the color (four) of the memo, bold font, etc.
- The memo position is fixed



horion



Visitez notre site Internet

www.horionmorocco.com



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