



USER MANUAL

LG Digital Signage

(MONITOR SIGNAGE)

Please read this manual carefully before operation and retain it for future reference.

Interactive Digital Board

CONTENTS

SYSTEM REQUIREMENTS.....4

- Minimum Requirements to Enable PC Duo .. 4
- Requirements for Device to Enable Mobile Duo 4

IDB5

- Using IDB APP 5
 - Canvas
 - Tool Menu
 - Context Tools
 - Active Pen
- Launcher 12
 - Session Settings
 - Canvas Settings
- [Session History]..... 15
 - Session Settings
 - Canvas Settings
- Control Center 18
 - [Data mirror]
 - [Screen Saver]

IDB SETTINGS 20

- Set IDB..... 20
 - [Picture]
 - [Connection]
 - [General]
 - [System]

IDB PC DUO 28

- Start IDB PC Duo 28
 - Welcome Guide
 - Step 1 of Profile Creation: Enter user information
 - Step 2 of Profile Creation: Add IDB
- [My IDB]..... 31
 - My IDB
 - View IDB session
- [My Downloads] 35
 - My Downloads
- [Settings] 38

IDB MOBILE DUO 39

- Start IDB Mobile Duo 39
 - Welcome Guide
 - Step 1 of Profile Creation: Enter user information
 - Step 2 of Profile Creation: Add IDB
- [My IDB]..... 42
 - My IDB
 - View IDB session
- [My Downloads] 44
 - My Downloads
- [Settings] 45
 - My IDB

**SCENARIOS OF ACCESS/
CONNECTION/USAGE 47**

- To display a picture of the external input... 47
- To control an external PC
 using touch screen 49
- To import external files using a USB storage
 device..... 50
- To connect IDB A Device with IDB B Device
 using Data mirror..... 51
- To set up email..... 53
- To set up a network for PC
 Duo connection..... 54
- To change to the SIGNAGE mode..... 55

! NOTE

- Software-related content may be changed without prior notice due to upgrades of the product functions.
- Some features described in the User Manual may not be supported in certain models and countries.

SYSTEM REQUIREMENTS

Minimum Requirements to Enable PC Duo

Requirements	Windows	macOS
OS	Windows 7/10	macOS 10.12(Sierra) ~ 10.14(Mojave)
CPU	2.7GHz+ Dual Core Broadwell or newer	Any CPU
Memory	4 GB RAM	4 GB RAM
Hard Drive	1 GB of free space	1 GB of free space
Graphics Hardware	Intel Iris or newer, Nvidia, ATI	Any GPU

Requirements for Device to Enable Mobile Duo

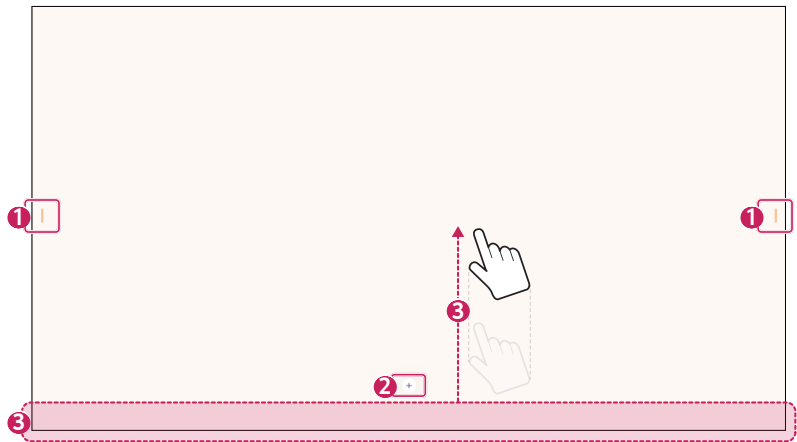
Requirement	Android	iOS
OS	same and above Android 7	same and above iOS 10
Resolution	3120 x 1440 (LG G7) 2960 x 1440 (Samsung S9)	1334 x 750 (iPhone 8) 1920 x 1080 (iPhone 8 Plus) 2436 x 1125 (iPhone X)
Flash	100 MB of free space	100 MB of free space

- Mobile phones not meeting the above resolution requirements may not have normal screen display.

IDB

Using IDB APP

Canvas



No.	Item	Description
1	Launcher Handle	Tap or swipe both sides of the screen to display a launcher.
2	+ Button	Add a new canvas.
3	Swipe	Swipe up from the bottom of the screen to display the Contextual Tool.

Zoom in/Zoom out

If [Multi touch] is not enabled, move the screen with two fingers to zoom in or out. By default, the screen size is set to 100 %.

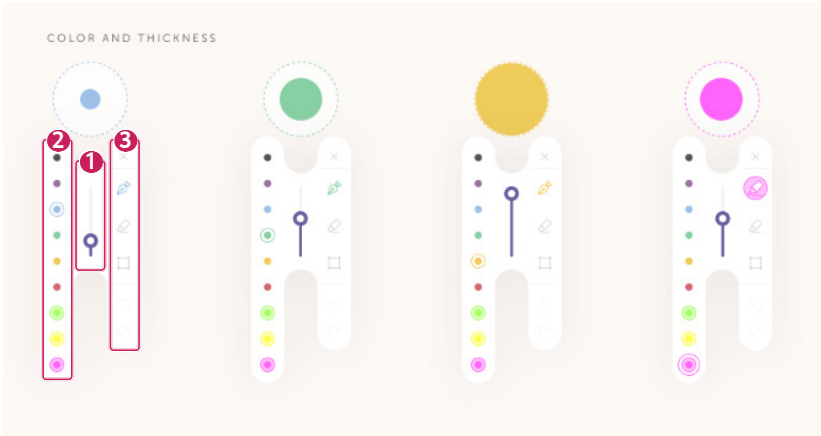
[Multi touch]

When using a canvas you may need to write on it with several fingers or a pen.
[Multi touch] is set to OFF by default. When the [Multi touch] is set to ON, up to 10 touches can be recognized at once, and several people can write on the screen at the same time.

Tool Menu

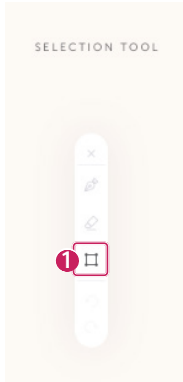
Long press the screen for about two seconds to enable the tool menu. The tool menu provides the pen, eraser, select, undo, and redo features.

Pen

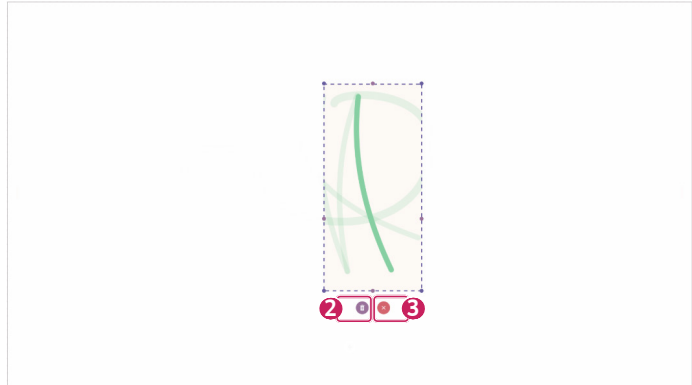


No.	Item	Description
1	Scroll bar	Specify pen and eraser thickness.
2	Pen color	Pen has nine optional colors. The six colors (black, purple, sky, green, yellow, red) at the top can be used as a pen, and the three colors (green, yellow, pink) at the bottom can be used as a highlighter pen.
3	Tool options	This function provides close, pen, eraser, select, undo and redo features.

Selection Function



>



No.	Item	Description
1	Selection function	This function allows you to draw a picture and select a specific part. By default, this function provides resizing, deleting, and canceling features. Click and drag the top or bottom left and right ends to adjust the size.
2	Delete	Delete the selected image.
3	CANCEL	De-select the selected image.

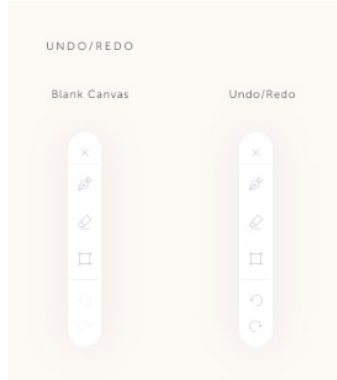
! NOTE

- To select a drawn line, the entire line must be included in the selected area.

Undo/ Redo

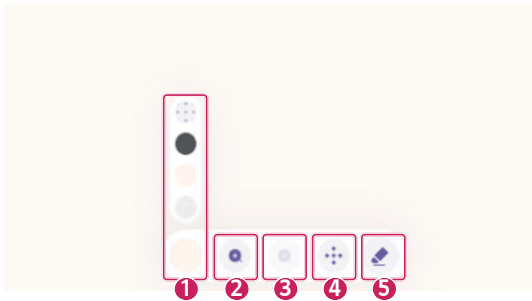
When you draw a picture, this function is enabled.

Use this function of undo and redo for up to 25 lines or points, but it is not available for content exceeding that limit.



Context Tools

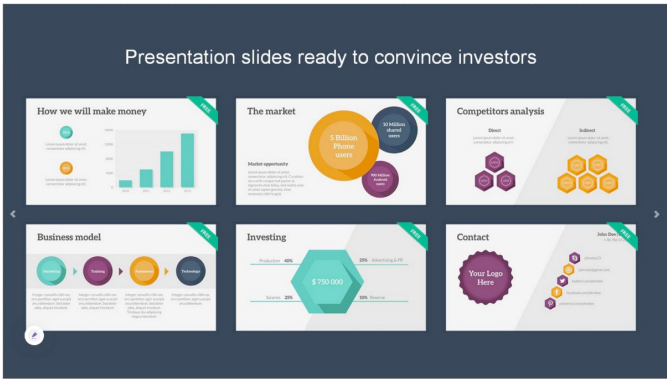
With this function, you can use a background image, zoom in/out, scrolling, markup mode, delete all, and navigation features. The displayed context tools vary depending on the type of canvas.



No.	Item	Description
1	Canvas background	Choose a background image for the canvas. There are four types of background image (Light, Dark, Paper, and Grid).
2	Zoom in	Zoom in on the canvas.
3	Zoom out	Zoom out from the canvas.
4	Scroll	Scroll the screen when zooming in on the canvas.
5	Delete all	Delete all the content you've written on the canvas at once.

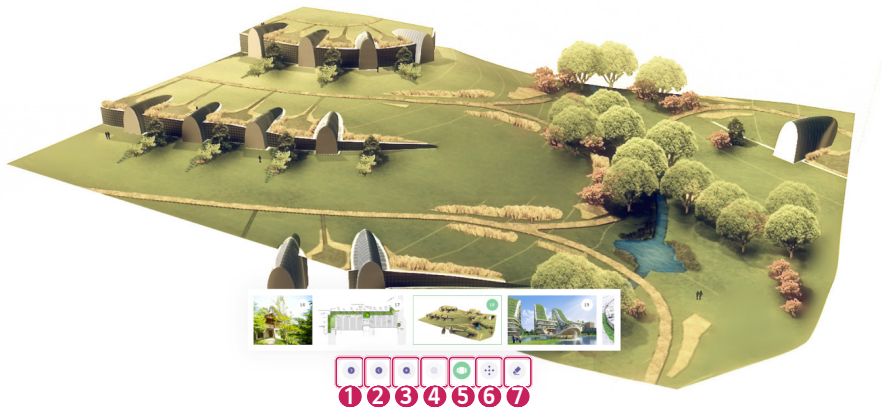
Markup mode

When the screen is displayed while an external input or Duo is connected, only a markup mode button is displayed in the context tool. When the markup mode is enabled, you can write on the captured screen.



Multi-page PDF

The canvas supports external PDF files. When importing a multi-page PDF file, the following contextual tool is displayed.



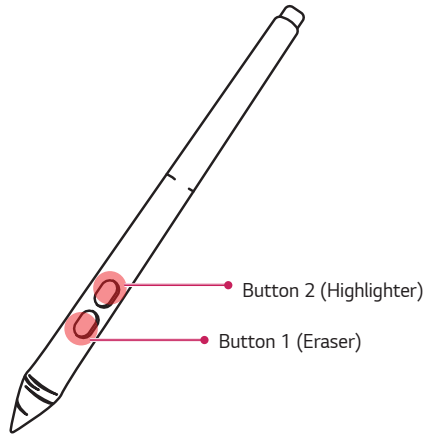
No.	Item	Description
1	Previous page	Navigate to the previous page in a multi-page PDF file.
2	Next page	Navigate to the next page in a multi-page PDF file.
3	Zoom in	Zoom in on a PDF document.
4	Zoom out	Zoom out from a PDF document.
5	PDF thumbnail	Preview the content of the PDF file in a thumbnail view and switch pages of the file.
6	Scroll	Scroll the screen when zooming in on the screen.
7	Delete all	Clear all the content you have written on the screen at once.

Active Pen

Write directly on the screen using the pen. The thickness and color of the pen are the same as the set values on the tool menu.

Press Button 1 on the pen to enable the eraser feature, and press Button 2 to enable the highlighter feature.

Use two Active Pens at the same time without setting up [Multi touch].



Palm Eraser

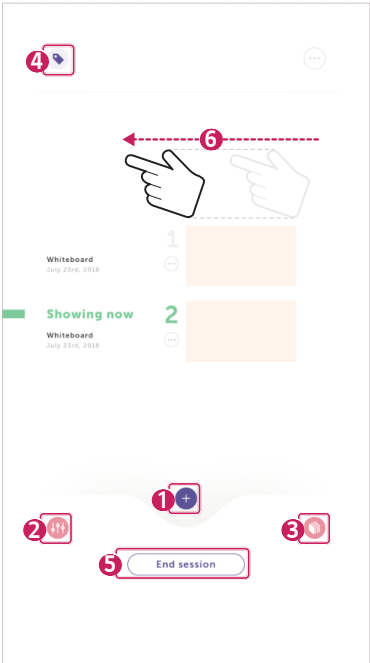
Without selecting the eraser feature on the tool menu, rub the screen with your palm to erase the content you have written.

! NOTE

- This might misoperate when the HID mouse is used.

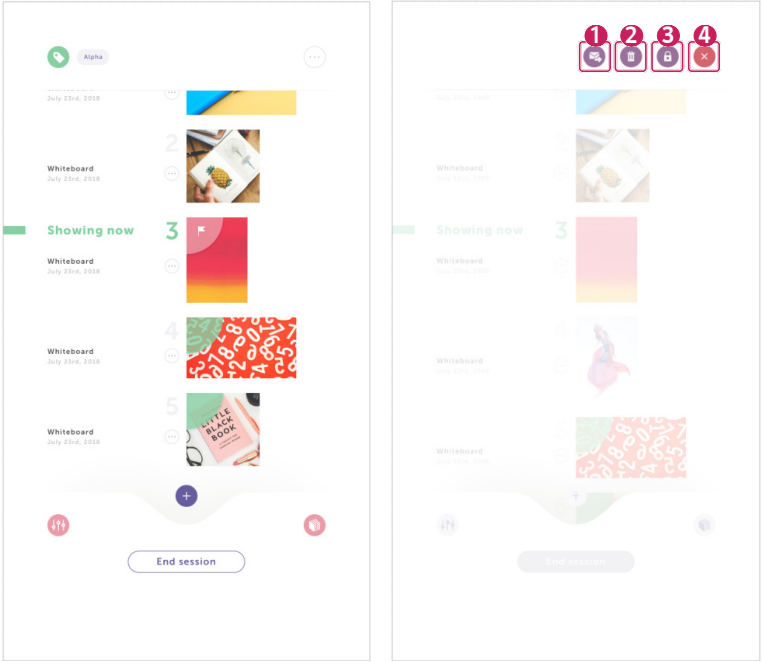
Launcher

Run the launcher by tapping or swiping the launcher handles on the left and right ends of the canvas. Check the canvas list and set and control various features using the launcher.



No.	Item	Description
1	+	Current canvas is saved automatically, and a new canvas is added. (Up to 25 canvases can be added to each session.)
2	Control Center	Set up IDB settings and management features.
3	Session history	Import a previously saved session history or a canvas, external PDF file, or image file stored in a connected USB storage device.
4	Label	Assign one label to each session.
5	[End session]	Label the current session while ending the session, share the session via a USB storage device and email, or lock the session.
6	Delete canvas	Delete the canvas by swiping outwards from the screen in the launcher.

Session Settings



No.	Item	Description
1	Share	Save the session to your USB storage device or share it via email. If there is no USB storage device connected, it will automatically switch to the email sharing screen.
2	Delete	Deletes the current session.
3	Lock/Unlock	Lock or unlock the current session. - Lock: Create and set a 6-digit passcode. - Unlock: Unlock with the passcode you entered to lock.
4	Close	Close the session settings.

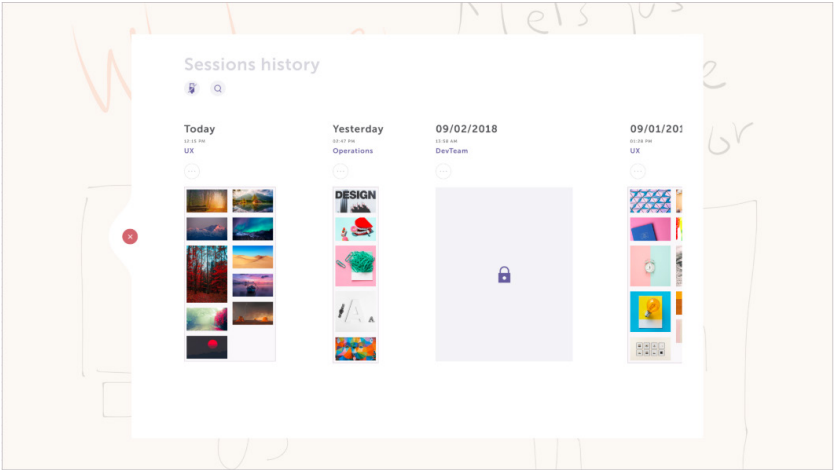
Canvas Settings



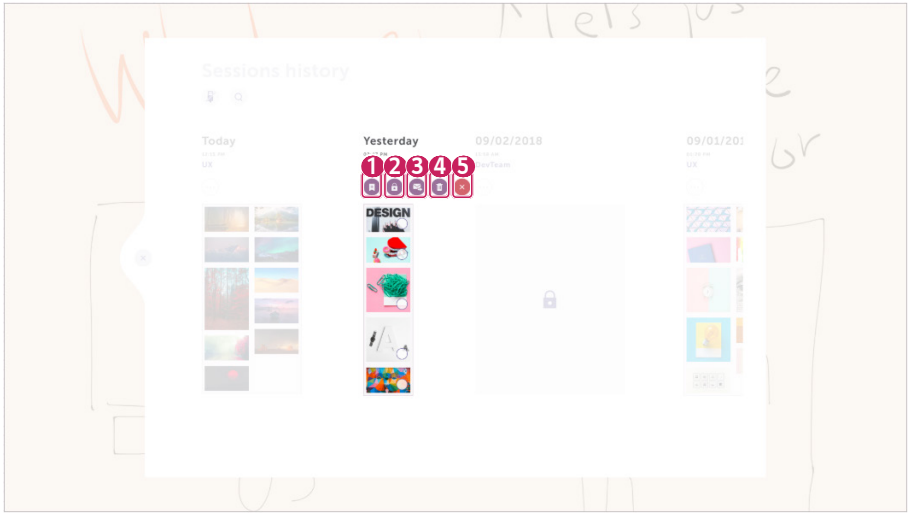
No.	Item	Description
1	Copy	Copy the canvas, and the screen switches to the copied canvas.
2	Share	Save the canvas to your USB storage device or share it via email. If there is no USB storage device connected, it will automatically switch to the email sharing screen.
3	Mark	Mark the canvas with a specific color.
4	Close	Close the canvas settings.

[Session History]

View the list of the previous sessions and import sessions.

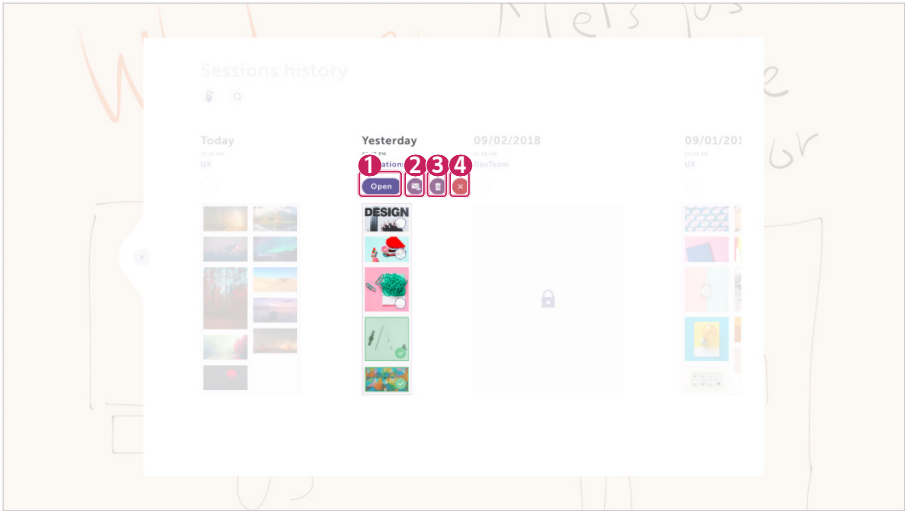


Session Settings



No.	Item	Description
1	Label	Assign or change a session label.
2	Lock/Unlock	Lock or unlock the current session. - Lock: Create and set a 6-digit passcode. - Unlock: Unlock with the passcode you entered to lock.
3	Share	Save the session to your USB storage device or share it via email. If there is no USB storage device, it will automatically switch to the email sharing screen.
4	Delete	Deletes the selected session.
5	Close	Close the session settings.

Canvas Settings



No.	Item	Description
1	[Open]	Choose and add a canvas to the current session. - When the user adds multiple files that are chosen randomly, they might not be applied to the session in the order they were selected.
2	Share	Share the selected canvas via your USB storage device or email. If there is no USB storage device connected, it will automatically switch to the email sharing screen.
3	Delete	Deletes the selected canvas.
4	Close	Close the canvas settings.

Control Center

Check information about the IDB and set up the preferences.

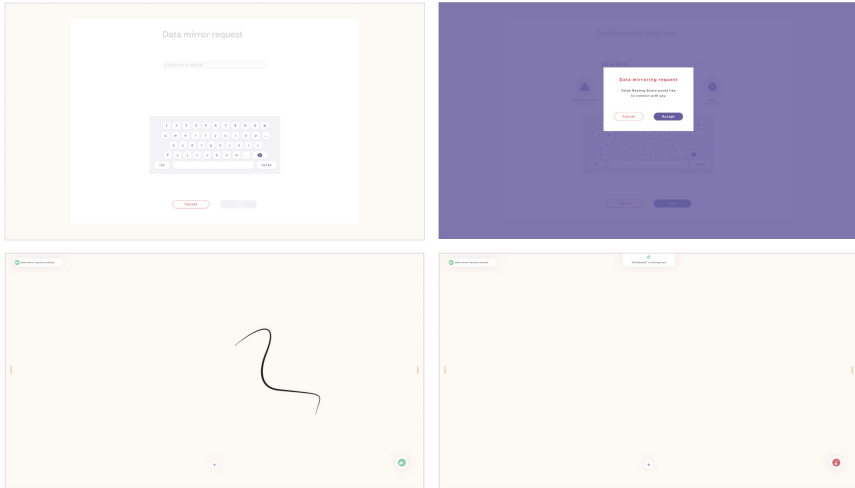


No.	Item	Description
1	IDB information	Displays the device name and IP address.
2	Network	Displays the network connection status.
3	Internal storage	Displays the internal storage space.
4	Brightness	Adjust the screen brightness.
5	[Reader Mode]	Adjust the color temperature to reduce eye strain.
6	Volume	Adjust the volume.
7	[Mute]	Mute the sound.
8	[Do not disturb] Mode	Pop-up alert is not displayed for external device connection.
9	[Multi touch]	Set up multi-touch settings.
10	[Data mirror]	Share the current session in real time by connecting to other IDBs through the network.
11	[Screen Saver]	Runs the Screen Saver.
12	[Settings]	Navigates to the advanced settings.
13	[Find out more]	Provides details.

[Data mirror]

Share sessions by connecting different IDBs through the network.

- Host: a host can write or share materials on the screen. Upload external files only in the presenter set.
- Participant: a participant can only view the data shared by the host. The host must touch the Data mirror widget to obtain host's permission. After the host touches the Data mirror widget, the roles change.



[Screen Saver]

If there is no input to the IDB for one hour, short press the local power key or press the Screen Saver button on the Control Center to run Screen Saver.

When you touch the screen, if other devices are connected to IDB or if the proximity sensor at the bottom left of the screen detects the presence of a nearby object while the Screen Saver is running, the Screen Saver will be turned off.

Navigate to Control Center → [Settings] → [System] → [Advanced Settings] → [Proximity Sensor] to disable the proximity sensor or adjust the sensitivity of the proximity sensor.

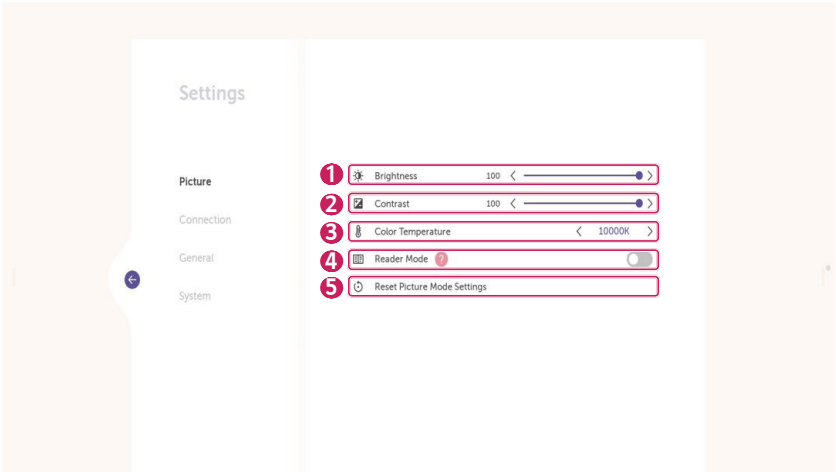
! NOTE

- The Screen Saver does not work while the screen share is running through the connection between an external device and the IDB or the Data mirror is in use.

IDB SETTINGS

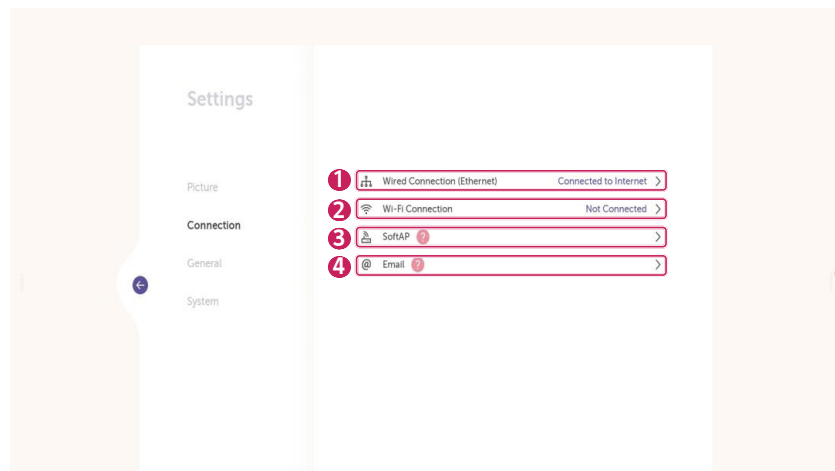
Set IDB

[Picture]



No.	Item	Description
1	[Brightness]	Adjust the screen brightness.
2	[Contrast]	Adjust the difference between light and shade on the screen. The closer the value is to 100, the greater the difference is.
3	[Color Temperature]	The screen looks cooler with higher color temperatures and warmer with lower color temperatures.
4	[Reader Mode]	Adjust the color temperature to reduce eye strain.
5	[Reset Picture Mode Settings]	Reset the picture settings.

[Connection]



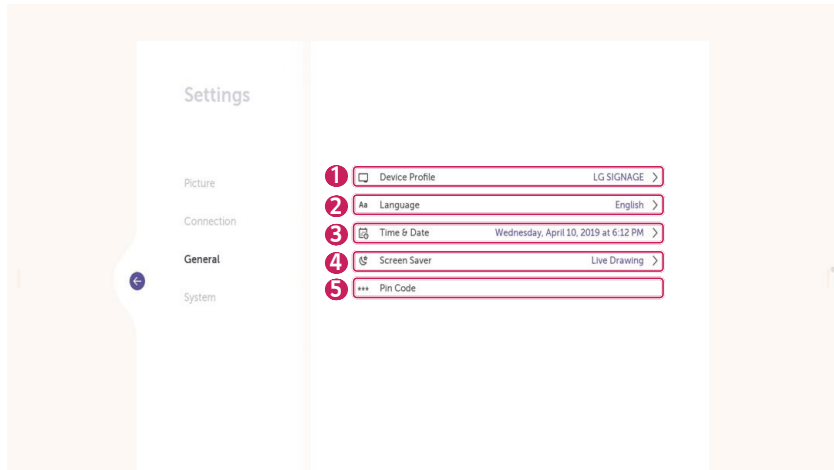
No.	Item	Description
1	[Wired Connection (Ethernet)]	Wired Connection: Connects the monitor to a local area network (LAN) via the LAN port and configures wired network settings. Only wired network connections are supported. After setting up a physical connection, the display will automatically connect without any adjustments on most networks. A small number of networks may require the display settings to be adjusted. For detailed information, contact your Internet provider or consult your router manual.
2	[Wi-Fi Connection]	If you have set your monitor up for a wireless network, you can view and connect to available wireless Internet networks. • [Add a hidden wireless network]: You can add a wireless network by manually typing in its name. • [Connect via WPS PBC]: Press the button on the wireless router that supports PBC to easily connect to the router. • [Connect via WPS PIN]: Enter the PIN number in the web page of the PIN-supporting wireless router to connect to the router in a simple manner. • [Advanced Wi-Fi Settings]: When there is no available wireless network displayed on the screen, you can connect to the wireless network by entering the network information directly.

No.	Item	Description
3	[SoftAP]	If you set up a SoftAP, you can connect many devices via a Wi-Fi connection without a wireless router and use wireless Internet. • On models that support Wi-Fi dongles, the SoftAP menu is enabled only when a Wi-Fi dongle is connected to the product. • Wi-Fi Channel: You can directly select a Wi-Fi channel. • SoftAp Access Information - SSID: A unique identifier necessary to make a wireless Internet connection - Security Key The security key you enter to connect to the desired wireless network - Connected Devices Count Shows the number of devices currently connected to your IDB device via a Wi-Fi connection. Up to 10 devices are supported.
4	[Email]	Set up your email account. Enter your email account and SMTP information.

 NOTE

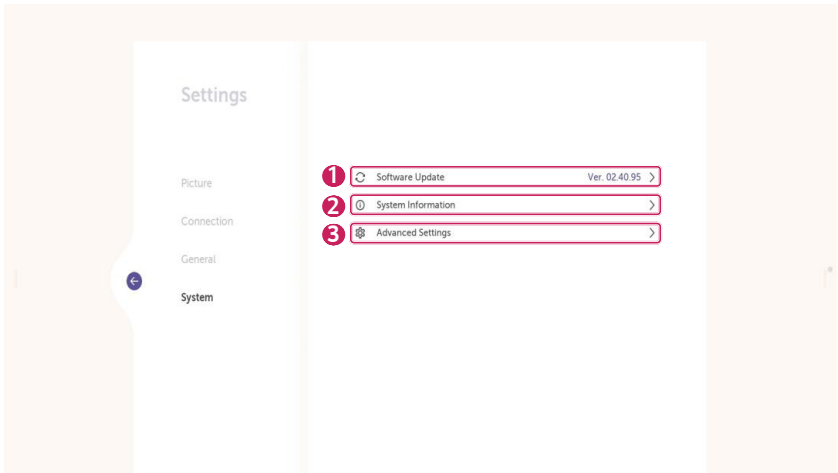
- On models that support Wi-Fi dongles, the Wireless Network Connection menu is enabled only when a Wi-Fi dongle is connected.
- When connected to a network that supports IPv6, you can select IPv4 / IPv6 in the wired / wireless network connection. But, IPv6 connection only supports automatic connection.

[General]

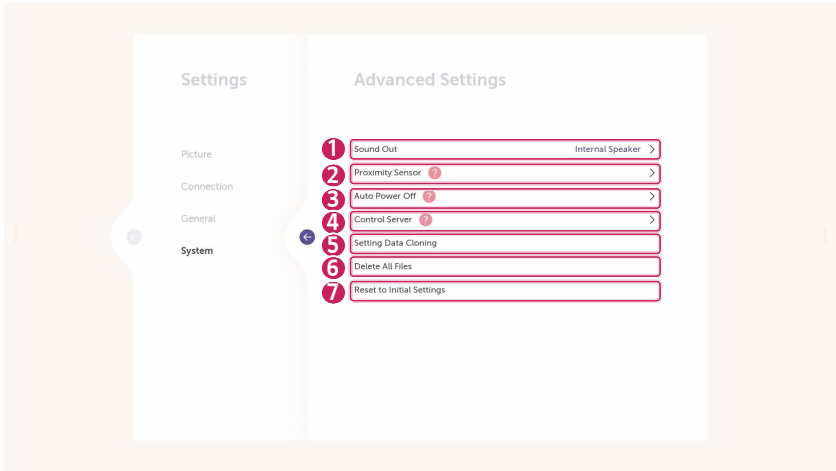


No.	Item	Description
1	[Device Profile]	Set up a profile image and name.
2	[Language]	Sets the IDB language.
3	[Time & Date]	This feature enables you to view and change the time and date on the device. • [Set Automatically]: Set [Time] and [Date]. • [Daylight Saving Time]: Set the start and end times for Daylight Saving Time. The DST start/end times function only when you set them more than one day apart from each other. • [Timezone]: Allows you to change the time zone based on continent, country/region, city or user settings.
4	[Screen Saver]	Set up a Screen Saver image.
5	[Pin Code]	This feature enables you to set the password you use to enter the Installation menu. (The default password: 000000) 1 Enter the current password. 2 Enter a new 6-digit password. 3 Enter the same password again in the Confirm Password field for confirmation.

[System]



No.	Item	Description
1	[Software Update]	Provides firmware information and features for updates.
2	[System Information]	This feature displays information such as the device name, software version, and storage space.
3	[Advanced Settings]	Go to Advanced Settings items.



No.	Item	Description
1	[Sound Out]	Sound Out • [Internal Speaker]: This function outputs sound through an internal speaker. • [SIMPLINK External Speaker]: This function connects Home Theater device by SIMPLINK. When it is set to Home Theater device input, it outputs voice through the connected device. • [LG Sound Sync / Bluetooth]: Enables you to connect IDB audio devices or Bluetooth headsets wirelessly to your monitor so that you can enjoy richer audio conveniently. [Audio Out] • [Off]: Disables the use of [Audio Out]. (No audio outputted.) • [Variable]: You can specify an output range for the external audio device connected to the monitor and adjust the volume within the range. The Volume (Speaker) range is the same as 0-100 (the difference in volume varies). • [Fixed]: Sets a fixed audio output level for the external audio device. - If there is no external input, no external audio is outputted. - The variable audio output level 100 is the same as the fixed audio output level.

No.	Item	Description
2	[Proximity Sensor]	Set up whether to use the proximity sensor. If the proximity sensor is set to [On], the screen is automatically turned on when anyone approaches the IDB. Adjust the sensitivity of the proximity sensor. Set the sensitivity of the proximity sensor to [High], [Mid], or [Low]. The higher the sensibility of the proximity sensor, the greater the distance of the proximity sensor recognition.
3	[Auto Power Off]	Set the features of Auto Power Off. [No Signal Power Off(15Min)] Set whether to use the 15 Min Auto Off feature. - You can set this option to [On] or [Off]. - If you set this feature to [On], the product turns off when it has remained in No Signal status for 15 minutes. - If you set this feature to [Off], the 15 Min Force Off feature is disabled. - It is recommended that you set this feature to [Off] if you intend to use the product for long periods of time as the feature turns the power of the product off. [No Touch Power Off (4 Hours)] Set whether to use 4 Hours Off feature. - You can set this option to [On] or [Off]. - If you set this feature to [On], the product is turned off when there is no touch input for 4 hours. - If you set this feature to [Off], the 4 Hours Off feature is disabled. - It is recommended that you set this feature to [Off] if you intend to use the product for long periods of time as the feature turns the power of the product off. [DPM] Set the Display Power Management (DPM) mode. - If this feature is not set to [Off], the monitor will enter DPM mode when there is no input signal. - If you set this feature to [Off], [DPM] is disabled.
4	[Control Server]	Set up to connect your signage to a SuperSign server.

No.	Item	Description
5	[Setting Data Cloning]	This feature is used to copy and import the settings of the device to other devices. • [Export Setting Data]: Export the settings of the device to the storage device. • [Import Setting Data]: Import the settings of another device into the device.
6	[Delete All Files]	This function allows you to delete files. • Choose the [Include Lock Files] option to delete all locked sessions. Not selecting this option prevents locked sessions from being deleted. • The current session you are working on is not deleted.
7	[Reset to Initial Settings]	Resets all settings and internal memory files.

 NOTE

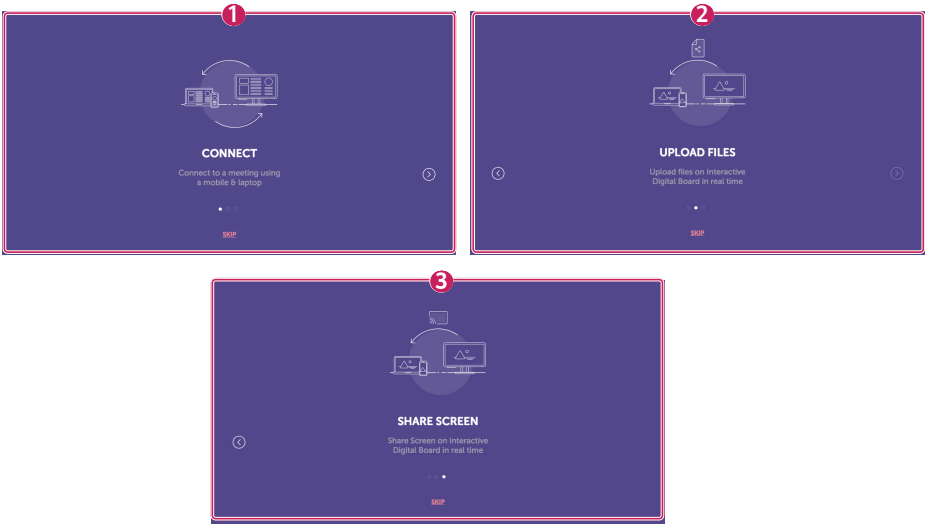
- To use the external speaker feature of SIMPLINK in the output speaker options, change to the Signage mode and enable the SIMPLINK feature.

I DB PC DUO

Start I DB PC Duo

Welcome Guide

This is a brief introduction on how to use I DB PC Duo.



No.	Description
1	Connect the I DB to PC Duo.
2	Upload files to the I DB.
3	Share the screen with the I DB.

Step 1 of Profile Creation: Enter user information

CREATE PROFILE (1/2)

First thing's first, please choose a username



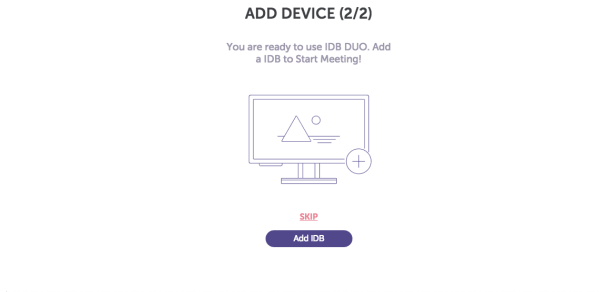
Create

No.	Item	Description
1	Change the user photo	Set the user photo
2	Register the user name	Enter the user name (up to 25 characters)
3	Register the user email	Enter the email

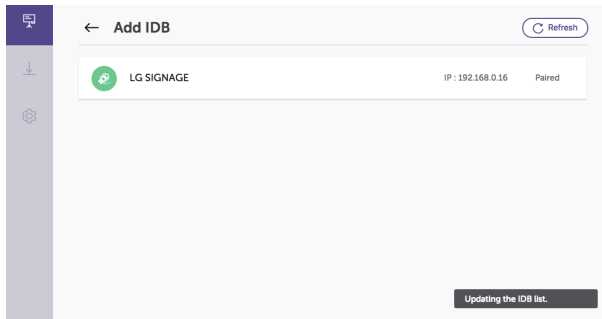
-  **NOTE**
- Change your profile in settings.

Step 2 of Profile Creation: Add IDB

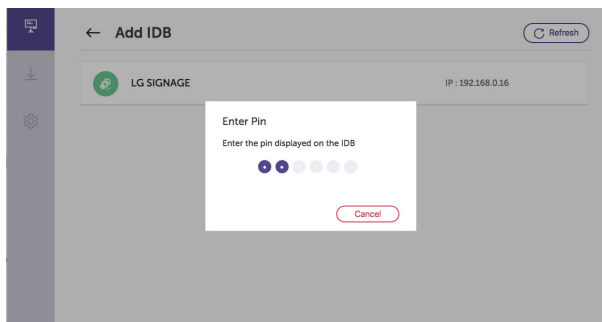
- 1 You can select [Add IDB] and search the IDB in the same network. (Select [Skip] to end the profile creation.)



- 2 This feature automatically searches for and shows the IDB. (Press the [Refresh] button to search for the IDB again.)

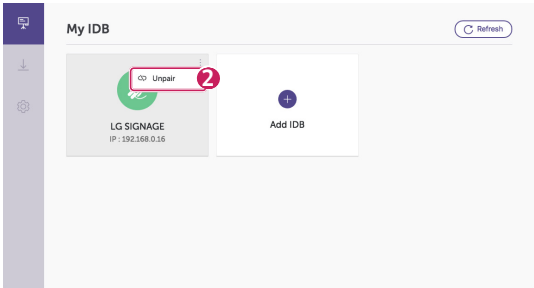
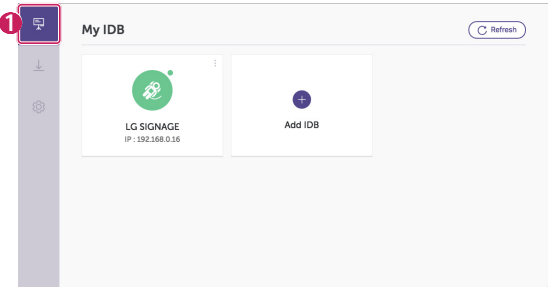


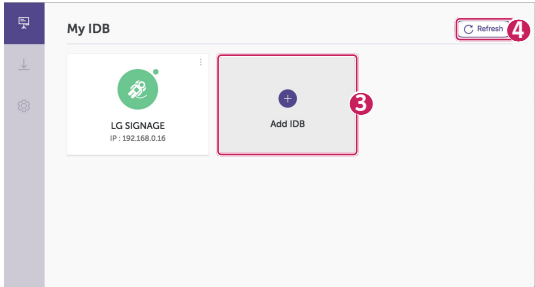
- 3 When you select the preferred IDB, a PIN code is displayed in the upper left corner of the IDB screen. Enter the PIN code to the PC Duo to pair with the selected IDB.



[My IDB]

My IDB

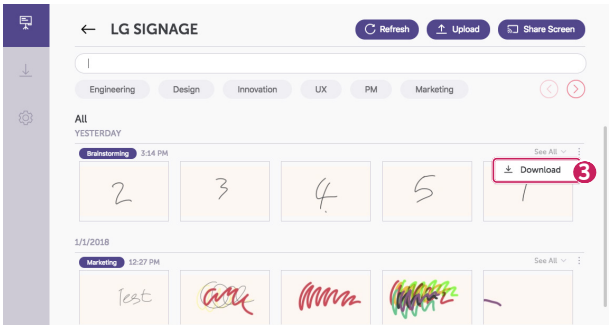
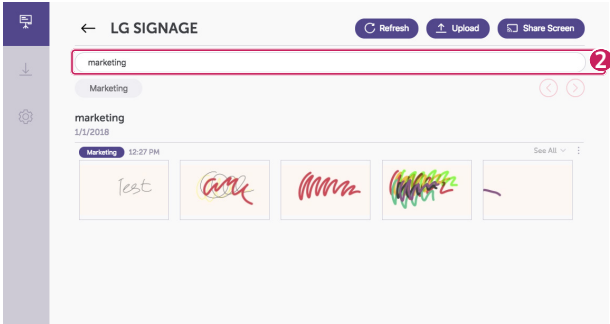
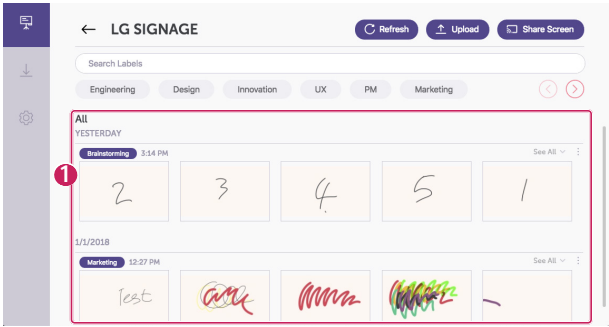


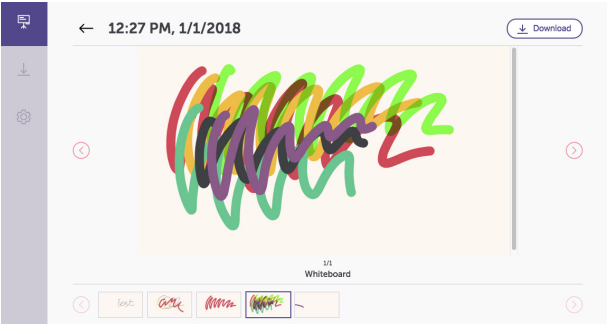
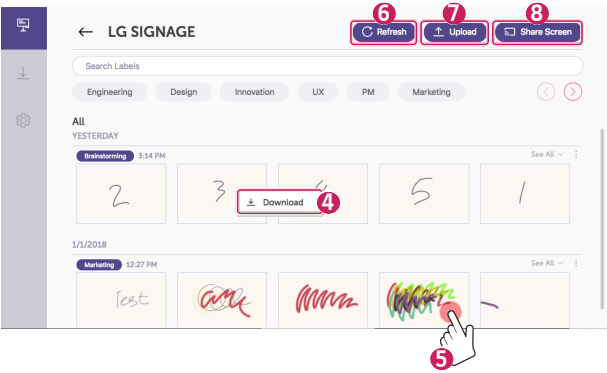


No.	Item	Description
1	See the list of paired IDBs	You can see the list of the IDBs that were previously paired.
2	[Unpair]	Unpair unnecessary IDBs.
3	[Add IDB]	Search for and add IDBs.
4	[Refresh]	Check paired IDB connection status.

View IDB session

Import and view the session information by connecting to the IDB.





No.	Item	Description
1	View all sessions	View all sessions in the IDB.
2	Search label	Search for the sessions by label and filter the search results.
3	Download session file	Download all files in the session.
4	Download a specific file	Select and download a specific file.
5	Detailed view	Select the desired session and view details.
6	[Refresh]	Refreshes and imports all sessions in the IDB.
7	[Upload]	Upload files to the current session of the connected IDB.
8	[Share Screen]	Share the screen with the IDB.

NOTE

- When the screen cannot be shared, check the firewall settings.

[My Downloads]

My Downloads

1

Download icon

2

Hand cursor icon

My Download

Sort by: Date

Whiteboard_L_+Mb8RbZ...

Whiteboard_KW7LDrxy= pdf

Whiteboard_KW7OC+Tw2...

Whiteboard_KW783PVY3R...

Whiteboard_KW7D048PN...

Whiteboard_KWf5p...

Whiteboard_L17GpO5gV L...

0495296023MateriadEngin...

MCodes

Berkeley_L0GqGyDRGs.pdf

Whiteboard_L0GqNDeshk...

Whiteboard_L_+ZnEmPV8j...

Whiteboard.pdf

Fullstack React.pdf

← My Download

Upload Delete

1/1
Whiteboard_KWf5pFW+p53.pdf

Navigation icons

My Download

Sort by: Date

Upload Delete

Whiteboard_L_+Mb8RbZ...

Whiteboard_KW7LDrxy= pdf

Whiteboard_KW7OC+Tw2...

Whiteboard_KW783PVY3R...

Whiteboard_KW7D048PN...

Whiteboard_KWf5pFW+p53...

Whiteboard_L17GpO5gV L...

0495296023MateriadEngin...

MCodes

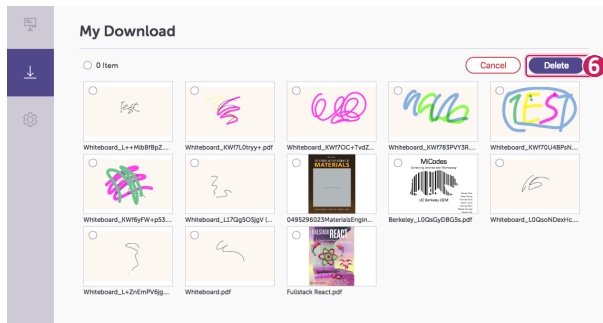
Berkeley_L0GqGyDRGs.pdf

Whiteboard_L0GqNDeshk...

Whiteboard_L_+ZnEmPV8j...

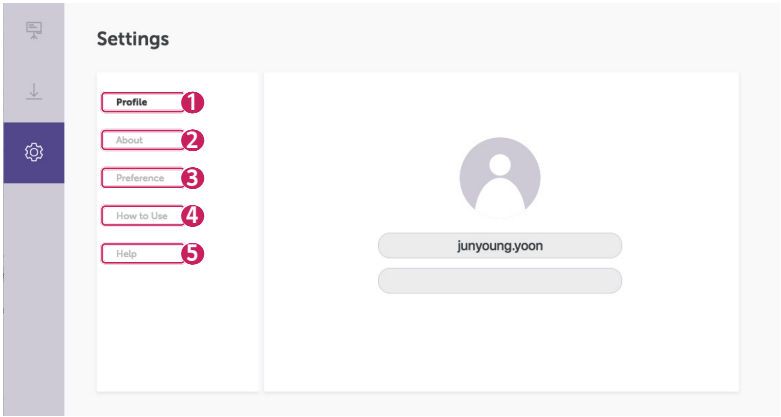
Whiteboard.pdf

Fullstack React.pdf



No.	Item	Description
1	View downloaded file	View files downloaded from the IDB. Sort files by [Name]/[Date] and view sorted files.
2	Detailed view	Select the desired file and view the details.
3	More Options menu	Upload files to or delete files from the IDB.
4	Context menu	Upload or delete a specific file.
5	Multiple file upload	Upload multiple files to the IDB.
6	Delete multiple files	Delete multiple files in [My Downloads].

[Settings]



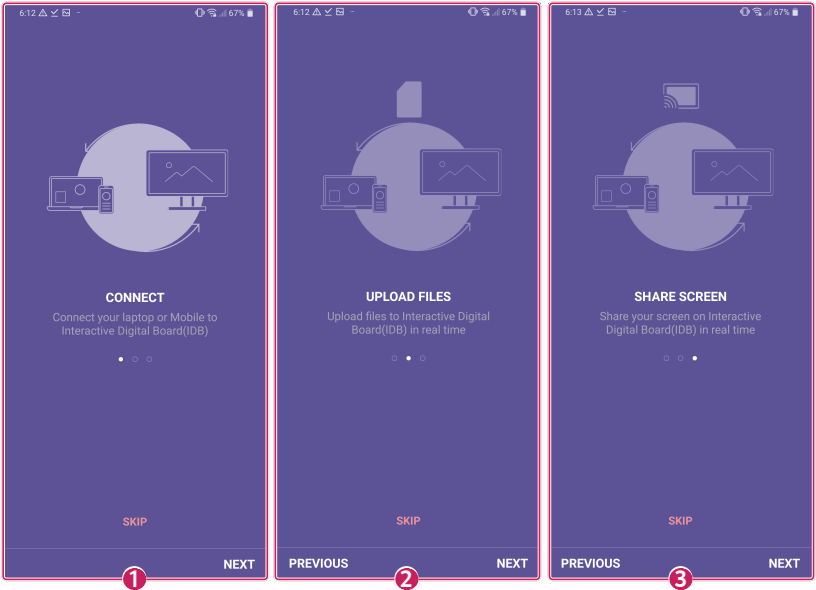
No.	Item	Description
①	[Profile]	Change the user photo/name/email.
②	[About]	Details of the product version, Open Source Licenses, homepage link
③	[Preference]	Change the language of the use.
④	[How to Use]	Watch the video of How to Use for PC Duo.
⑤	[Help]	See the help information.

IDB MOBILE DUO

Start IDB Mobile Duo

Welcome Guide

Brief introduction on how to use IDB Mobile Duo.



No.	Description
1	Connect the IDB to Mobile Duo.
2	Upload files to the IDB.
3	Share the screen with the IDB. (This feature is only supported by Android.)

Step 1 of Profile Creation: Enter user information

6:13

67%

CREATE PROFILE (1/2)

First things first, please choose a username



1

CREATE

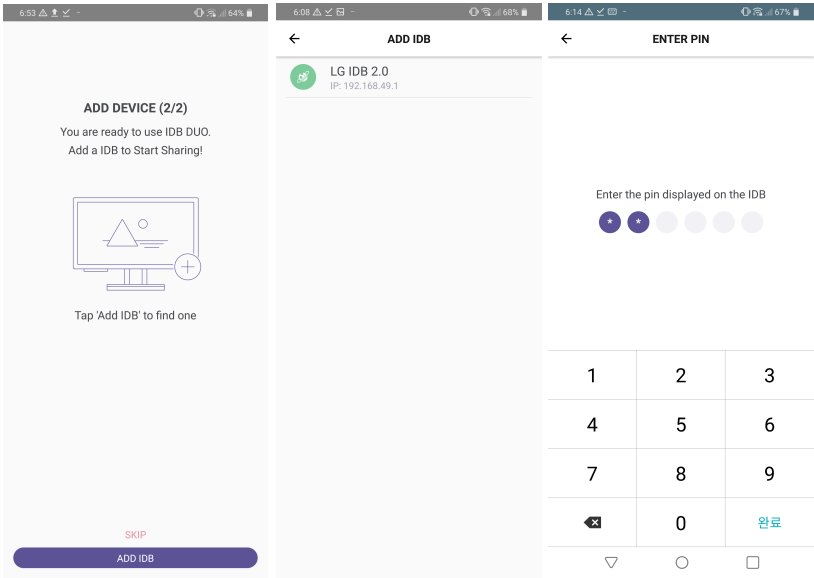
No.	Item	Description
1	Change a profile picture	Take a picture or get a picture from the gallery.
2	Register a user name	Enter a user name up to 25 characters.
3	Register user email	Enter your email account

NOTE

- You can retrieve automatically the email account registered to the Mobile Duo profile when sending email from the IDB.
- Change your profile in settings.

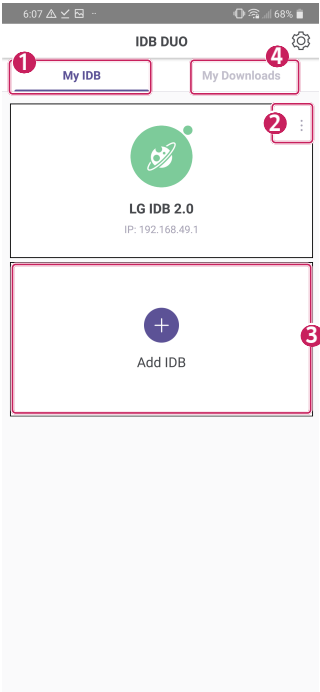
Step 2 of Profile Creation: Add IDB

- 1 Select [Add IDB] and search for the IDB in the same network. (Select [Skip] to end the profile creation.)
- 2 This feature automatically searches for and shows the IDB.
- 3 Select the desired IDB to connect to and a PIN code will be displayed in the upper left corner of the IDB screen. The IDB and a mobile device will be paired when you enter the PIN code to the Mobile Duo.



[My IDB]

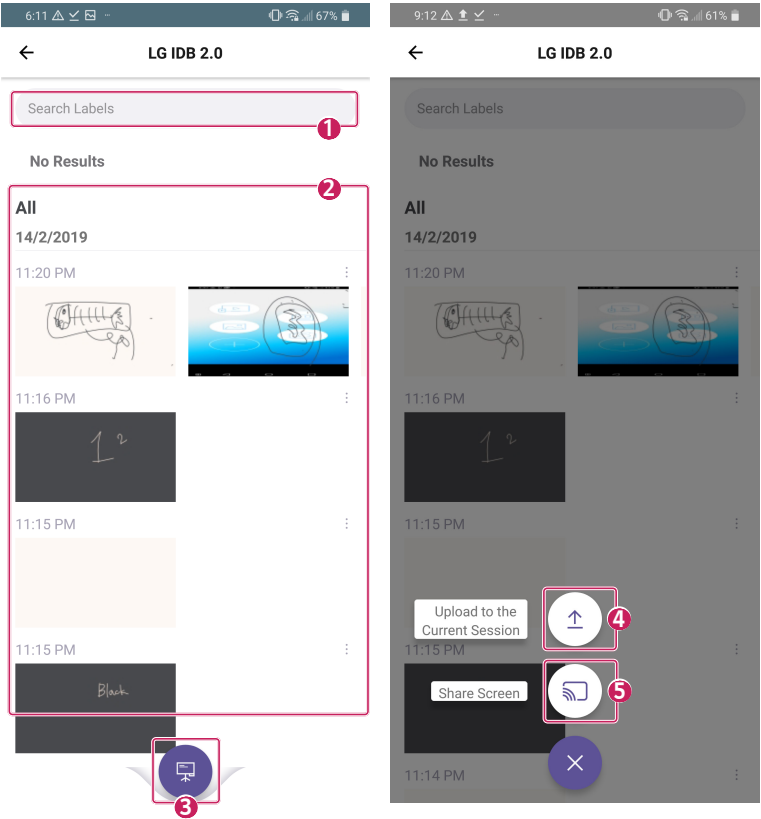
My IDB



No.	Item	Description
1	Connect IDB	View session content by accessing the connected IDB.
2	More Option button	Unpair unnecessary IDBs.
3	[Add IDB]	Search for and add IDBs.
4	[My Downloads]	View session materials downloaded from the IDB.

View IDB session

Import and view information about the session by connecting to the IDB.

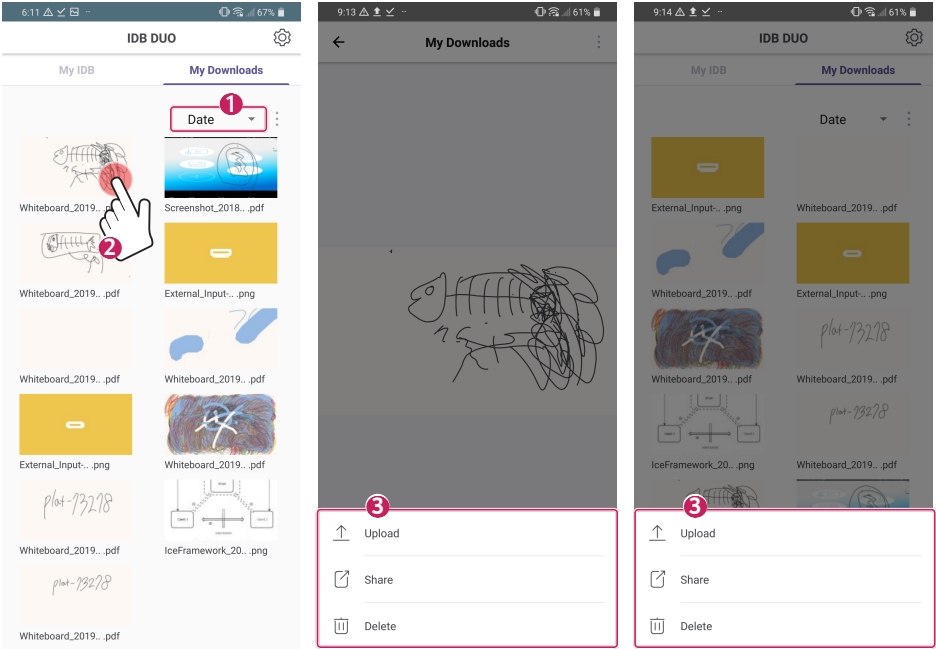


No.	Item	Description
1	Label	Search for the sessions by label and filter the search results.
2	Session	View sessions in the IDB.
3	FAB	Select a Floating Action Button (FAB) at the bottom center and then select Upload to IDB and Share Screen.
4	Upload to IDB	Upload to the current session of the connected IDB.
5	[Share Screen]	Transmit the mobile phone screen to the IDB. (This feature is only supported by Android.)

[My Downloads]

My Downloads

This feature allows you to manage the sessions, image files, and PDF files that you have downloaded during the session on the IDB.



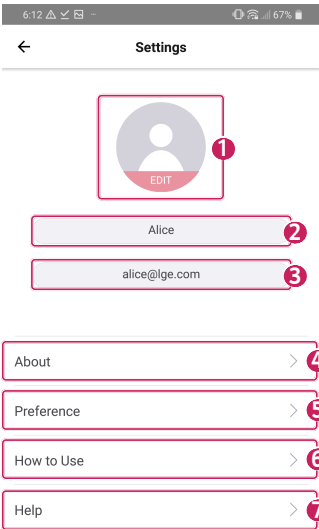
No.	Item	Description
1	Sorting	Sort files by [Name]/[Date] and view sorted files.
2	Detailed view	Select the desired session and view details.
3	More option	[Upload]: Upload to the IDB. [Share]: Transmit using a mobile phone sharing feature. [Delete]: Delete a selected file.

! NOTE

- The date is based on the download date.
- Supports landscape view mode for detailed view.

[Settings]

My IDB



No.	Item	Description
1	Change a profile picture	Take a picture or get a picture from the gallery.
2	Change a profile name	Enter a user name up to 25 characters.
3	Change email	Enter your email account in the correct email format.
4	[About]	Product version information, network information, Open Source Licenses
5	[Preference]	Change the language.
6	[How to Use]	Watch a tutorial about how to use IDB Mobile Duo.
7	[Help]	Check Help information.

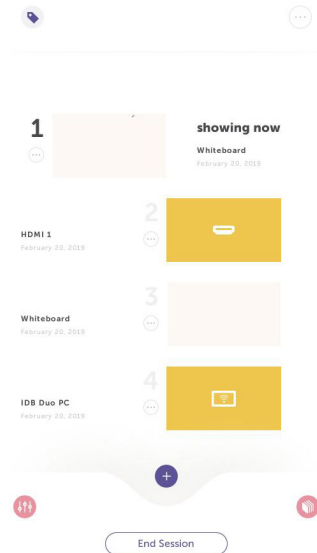
 NOTE

- Apps for Android and iOS are provided.
- Supported file formats: iPDF (created from IDB), PDF (universal pdf), Images (PNG, JPG, GIFF (not animated))
- IDB 2.0 supports Mobile Duo. (It is not backward compatible with IDB1.5.)
- The Share Screen function only supports Android Mobile Duo. (iOS not supported)
- Up to 10 mobile devices can connect to Mobile Duo at the same time. (We do not guarantee the connection of more than 10 devices.)

SCENARIOS OF ACCESS/CONNECTION/USAGE

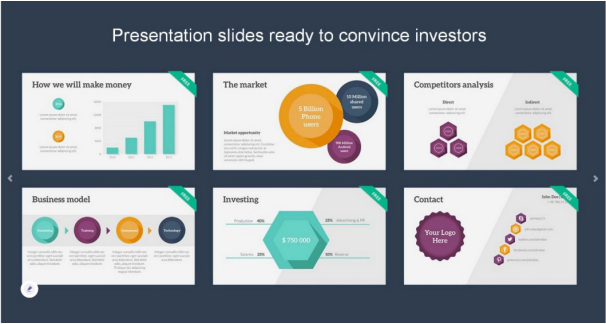
To display a picture of the external input

- If you connect an external input device to the IDB or share the screen via the Duo app, the screen is automatically turned into the screen of the external input, and you can check, select, and switch the connected device at the launcher.

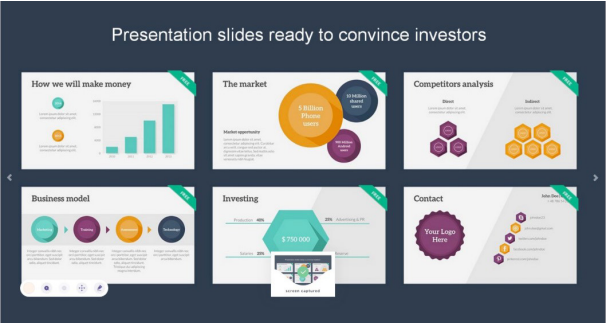


To write on the screen while a picture of the external input is displayed, press Markup Mode at the bottom of the screen as shown below to capture the current screen and write on the captured screen.

Markup mode



Capture



Write



To control an external PC using touch screen

- If a USB-C compatible PC and IDB device are connected using a USB-C cable or OPS is connected, you can control the PC by touching the IDB screen by switching to the input. To connect the IDB device to a PC using HDMI, DVI, or DisplayPort, switch the input while the PC is connected to the IDB device with a USB Type A to Type B cable to control the PC. When the IDB device and PC are connected properly, a mark indicating availability of the touch function appears on the launcher canvas as shown below.



Press the local menu key at the bottom of the screen while controlling the external PC with the touch screen to display the IDB launcher on the screen. Now, control the IDB with the touch screen.

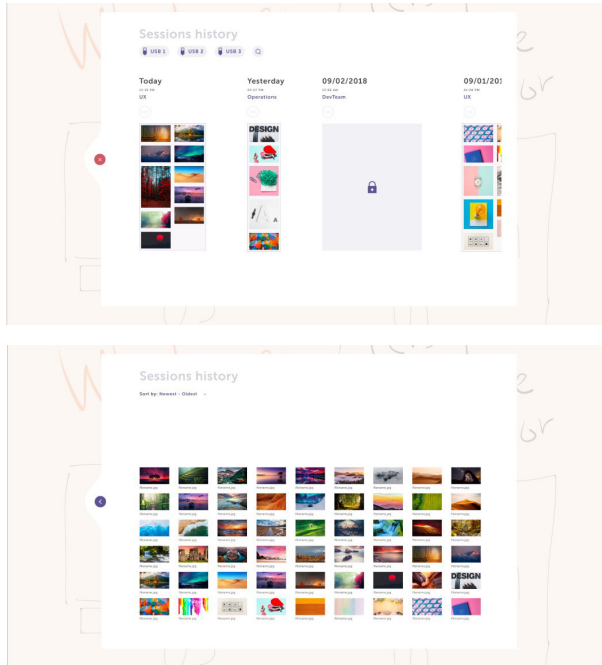
When controlling the IDB with the touch screen, touch the corresponding external input canvas on the launcher to switch again.

! NOTE

- When using an external PC as a touch screen, recognition of the touch screen device may take a moment before responding to your touch while the touch function switches between the IDB and external PC.
- For HDMI, DVI or DisplayPort inputs, if the corresponding input ports are at the front, you should connect a device to the touch ports at the front, and if the corresponding input ports are at the back, you should connect a device to the touch ports at the back.

To import external files using a USB storage device

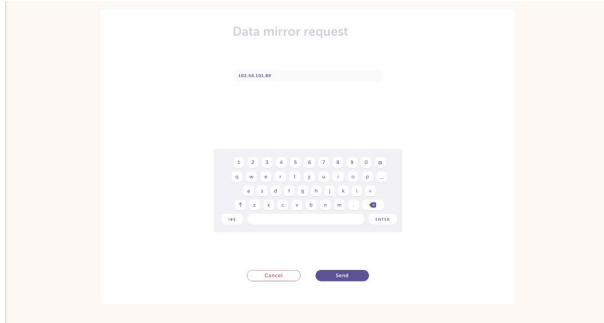
- 1 Create a “whiteboard” folder in a USB storage device and store files.
- 2 Select the USB storage device in a session history after connecting the USB storage device to the IDB to display a file list of the “whiteboard” folder.



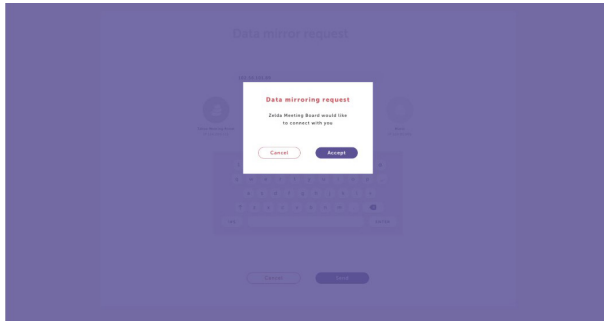
Select the desired file and it is automatically added to the current session and ready for import.

To connect IDB A Device with IDB B Device using Data mirror

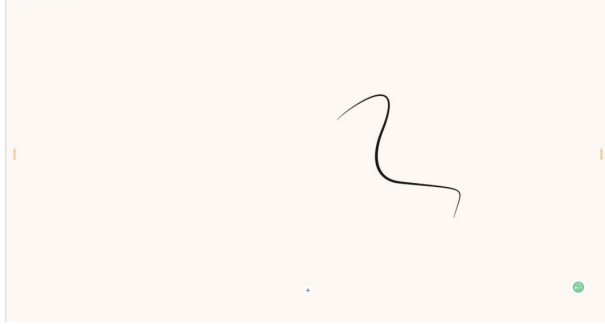
- 1 Open a launcher using IDB A Device, navigate to the Control Center and tap Data mirror.
- 2 Enter the IDB B Device's IP on the screen as shown below and wait for the other party to accept it.



- 3 When attempting to connect using the IDB A Device, the following screen will be displayed on the IDB B Device. Tap Accept and the IDB A device will be the host and start to share the current session. All files of the host are shared, and you can write on the screen and upload external files using the device with the host's permission. In this state, IDB B Device can only show the data shared by IDB A Device.



To pass the host permission, tap the green widget on the host screen. After that, the IDB B Device will be the host, and you can write on the screen or share files using the IDB B Device.

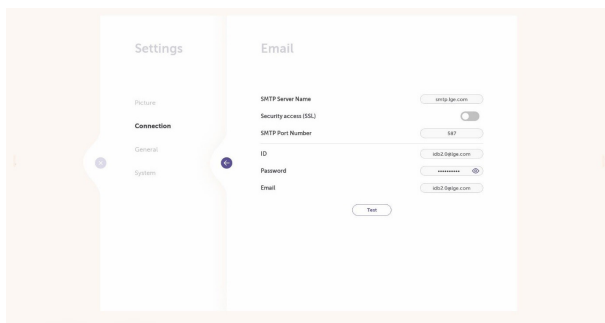


! NOTE

- IDB A Device and IDB B Device will be connected when both devices support the port number 4000. If the connection is unavailable, check your firewall or router settings.

To set up email

- 1 Navigate to settings in the Control Center.
- 2 Navigate to the item of email in the connection category.
- 3 Enter your email account and SMTP information.



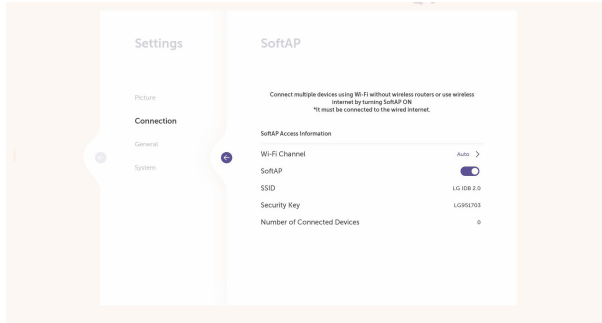
- 4 Press Test and check whether the email is sent to the entered email account.

! NOTE

- Be sure to set up your email properly before using the function of sharing email on the canvas.
- It may be necessary to set the current time and date on the IDB. For some SMTP servers, the time set for the SMTP servers should be the same as the current time for the email to be sent.

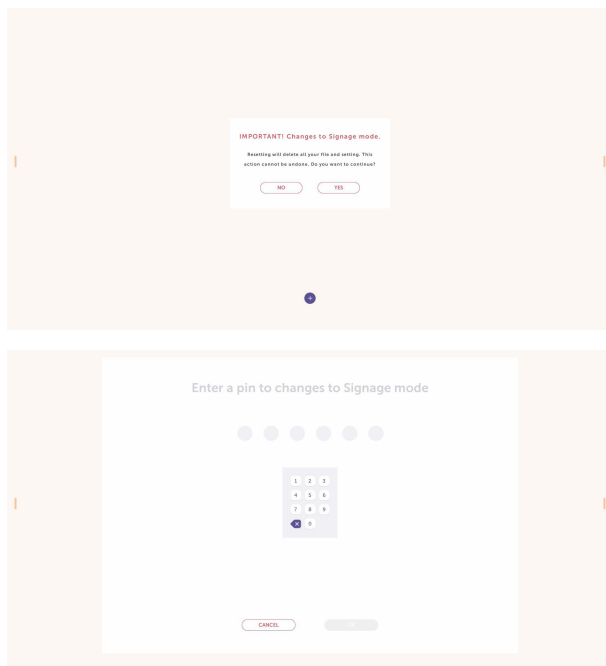
To set up a network for PC Duo connection

- 1 Connect an IDB device and an IDB PC Duo or an IDB Mobile Duo to the same router or to SoftAP of the IDB device.
- 2 To connect SoftAP, navigate to Settings in the Control Center and to SoftAP items in the connection category.
- 3 Enable SoftAP features as shown below, search an SSID of the SoftAP using a wireless network using the PC Duo device, and enter a security key of SoftAP to connect.



To change to the SIGNAGE mode

- Press and hold the local menu key at the bottom of the screen for more than 5 seconds until the following screen appears. Tap Yes and enter a PIN code to change to the Signage mode. All data will be initialized, and the IDB device can be used as the Signage product.
- The PIN code is the 6-digit number that was set when you used the IDB device for the first time. If not set, the PIN code is 000000. To change to the IDB mode, press and hold down the local menu key for more than 5 seconds in the Signage mode, and enter the PIN code.





Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit <http://opensource.lge.com>.

In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com.

This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.