



# AVer CB-310 Collaboration Box

## **User Manual**



#### Federal Communications Commission

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to pro-vide reasonable protection against harmful interference when the equipment is operate din a commercial environment. This equipment generates, uses, and can radiate radiof requency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in w hich case the user will be required to correct the interference at his ow n expense.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with part 15 of the FCC Rules.

Operation is subject to the follow ing two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

**Warning** - This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures to correct this interference.

#### Europe – EU Declaration of Conformity

This device complies with the essential requirements of the Radio Equipment Directive (2014/53/EU). The follow ing test methods have been applied in order to prove presumption of conformity with the essential requirements of the Radio Equipment Directive (2014/53/EU)

#### FOR PORTABLE DEVICE USAGE (<20m from body/SAR needed eg. BT dongle, smartphone)

#### Radiation Exposure Statement:

The product comply with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to low er output pow er if such function is available.

#### FOR MOBILE DEVICE USAGE (>20cm/low powereg. AP routers)

#### Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm betw een the radiator & your body.

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The mark of Crossed-outwheeled bin indicates that this product must not be disposed of with your other household waste. Instead, you need to dispose of the waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. For more information about where to drop off your waste equipment for recycling, please contact your household waste disposal service or the shop where you purchased the product.

## Notice

The technical specifications provided in this Manual and on the carton are subject to change without further notice. If there is any difference between this Manual and any actual operation, such actual operation shall prevail.



#### **Hot Surface**

Before you move the product, disconnect all external connections and pow er off the device. Move the product carefully to prevent you from being scalded, especially the device's bottom, w hich may cause safety issues.



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#### Safety and Warning

As a valuable offering better audio and visual experience, this product has considered the personal safety factors in design and been tested strictly before delivery. How ever, improper installation and use may cause electric shock or fire. To ensure its safe use, maintain its service life and bring its best performance into full play, please read and understand the operating instructions and nameplates and observe the following safety precautions carefully before using the product, and keep this Manual properly for future reference.

For your safety, please read the follow ing instruction before you use the product. Serious injury or property loss may be caused by improper operations. Do not try to repair the product by your ow n.

	Disconnect the product from power supply immediately if major failures occur.
7	The major failures include the follow ing:
	• Smoke, peculiar smell or abnormal sound is discharged from the product.
	<ul> <li>No image or sound is displayed, or the image error occurs.</li> </ul>
	<ul> <li>Where the mains plug or an appliance coupler is used as the disconnect device the disconnect device shall remain readily operable.</li> </ul>
	In the preceding scenarios, do not continue to use the product, disconnect power supply immediately and contact professional staff for troubleshooting.
	The socket-outlet shall be installed near the equipment and shall be easily accessible.
$\frown$	Do not drop liquid, metal or combustible into the product.
$\bigcirc$	<ul> <li>If any liquid or metal is dropped into the product, pow er off the product and disconnect pow er supply, then contact professional staff for solutions.</li> </ul>
	• Pay attention to the children w hen they are close to the product.
	Do not damage the power cable.
	• Do not damage, change, w ind, bend, heat or drag the pow er cable forcibly.
	• Do not put w eights (such as the product itself) on the pow er cable.
	• Do not drag the cable forcibly when you pull out the pow er plug. If the pow er cable is damaged, please contact the local distributor to repair or replace it.
	• The pow er cable in the accessory box is for this product only. Don't use it on other devices.

	<b>Put the product on a stable surface.</b> An unstable surface includes and does not limit to an inclined plane, a shaky stand, desk or platform, w hich might cause the turnover and damage.	
	Do not open the cover or change the product by your own. High voltage components are installed in the product. When you open the cover, high voltage, electric shock or other dangerous situations may occur. If inspection, adjustment or maintenance is required, contact the local distributor for help.	
0	<ul> <li>Use the specified power supply.</li> <li>Do not use any types of pow er cables other than the one provided with the product to prevent the product from being damaged.</li> <li>Use a three-wire socket and ensure that it is properly grounded.</li> <li>Pull out the pow er plug from the socket if the product is not used for a long period.</li> </ul>	
	Before you move the product, disconnect all external connections and separate all toppling preventing devices. Move the product carefully to prevent it from being hit or squeezed w hich may cause injury if broken.	
	<ul> <li>Clean the dust and metal on the power plug regularly.</li> <li>When you are cleaning, fire or electric shock may be caused if the product is pow ered on.</li> <li>Keep in mind to pull out the pow er plug before cleaning it by using a dried cloth.</li> </ul>	

Do not put items on the top of the product.
• Do not put items, such as a container for liquid (a vase, flow erpot, cosmetics or liquid medicine), on the top of the product.
<ul> <li>If any water or liquid is spilled on the product, short circuit may occur and cause fire or electric shock.</li> </ul>
• Do not tread on the product or hang any items on the product.

$\Im$	<ul> <li>Do not install the product in an im proper place.</li> <li>Do not install the product in humid places, such as the bathroom, the show er room, the place near w indows or outdoor environments where experience rain, snow or other harsh weather. The product installation is also required to avoid a place around by hot spring vapor. The preceding environments may cause faults or electric shock under extreme conditions.</li> <li>Do not put exposed fire source, such as an ignited candle, on the product.</li> </ul>	
	<ul> <li>Pull out the power plug during thunderstorms.</li> <li>Do not touch the product w hen lighting to avoid electric shock.</li> <li>Install or place components w hich power supply voltage is high enough to cause personal injury in places out of the reach of children.</li> </ul>	
	<ul> <li>Do not cover or block up any vents on the product.</li> <li>The overheated components may cause fire, damage the product and shorten the service life.</li> <li>Do not put the venting surface of the product facedown.</li> <li>Do not install the product on a carpet or bed clothes.</li> <li>Do not use a cloth such as table cloth to cover the product.</li> </ul>	
Ø	Do not touch the pow er cable with wet hands to avoid electric shock. Altitude during operation (m): less than 5000m	

<ul> <li>Do not install the product in high temperature environments.</li> <li>Do not install the product near heat source, such as the radiator, the heat reservoir, the stove or other heating devices.</li> </ul>
• Do not expose the product under sunlight, which may cause high temperature and subsequent faults in the product.

0	For transport: Pack the product for mobility or maintenance by using the cartons and cushioning material provided w ith the product.
$\bigcirc$	<ul> <li>Keep aw ay from the product when you use a radio.</li> <li>The product design to prevent radio interference complies with the international EMI standard. However, the interference still exists and causes noise in the radio.</li> <li>If noise occurs in the radio, try the follow ing solutions.</li> <li>Adjust the direction of the radio antenna to avoid the interference from the product.</li> <li>Keep the radio aw ay from the product.</li> </ul>
	<ul> <li>Sudden temperature or environment humidity changes may cause moisture condensation. This may cause poor picture quality on screen. If this occurs, please keep the device on to evaporate moisture.</li> <li>When the product is not in use for several days, please disconnect product from the pow er socket for environment and safety reasons.</li> <li>For children, please do not allow children to near the product; keep small accessories out of reach of children, so that they are not mistakenly sw allow ed.</li> </ul>

If protective earthing is used as a safeguard, the instructions shall require connection of the equipment protective earthing conductor to the installation protective earthing conductor (for example, by means of a pow er cord connected to a socket-outlet with earthing connection).

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## Product Overview

### **Package Content**



5.

6.

7.

Pow er cord and pow er adapter

Foot rubber x4

CB-310)

AAA battery (for remote controller)

(Stick to the four corners at bottom of

- 1. CB-310 unit
- 2. Antenna x 2
- 3. Remote control
- 4. Quick Guide

### Accessories



USB cable



HDMI cable

### I/O Ports





#	Description
1	Antenna port
2	HDMI 1, HDMI2, HDMI3 input port
3	VGA input port
4	Touch-USB port
5	USB 3.0 port
6	Ethernet port (1Gbps)

### **Control Panel**



#	Description
1	Power button
2	Mode button
3	Volume +/- button
4	Source button
5	IR receive area
6	LED of mode button (See below table)
7	LED of power button (See below table)

#	Description
Pow er	- Pow er on: Green
	- Standby: Red
	- Pow er off: Off
	- Upgrading: Flash Red
	- Backlight off: Green
Mode	- Entry mode: On
	- Advanced mode: Off

### **Pin Definition**



RS232 Pin(PC site)		
1	1 RX	
2	TX	
3	GND	

IR Pin		
1	VCC	
2	IR	
3	GND	

12V Trigger Output		
1	12V	
2	NC	
3	GND	

### **Remote Control**

Please install the battery before using the remote control.



Name	Function
(1) Đ	Call out the input source selection.
(2) HDMI1 HDMI2 HDMI3	Switch to HDMI 1, HDMI2, or HDMI3 input source screen.
(3) USB	Sw itch to USB input source screen.
(4) (1) (1) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Call out split screen setup screen.
(5)	Sw itch between entry and advanced mode.
(6) ▲▼◀►	Direction buttons. Use to move betw een selection while setup.

Name	Function
(7) <b>1</b> x	Reset zoom level to 100%
(8) Zoom +/-	Increase/decrease the screen image magnification.
(9) 0~9 buttons	Numbers pad.
(10)	Call out pow er off menu. Use ▼ and ▲ to select "SCREEN LOCK",
	"RESTART" or "POWER DOWN. Press $(OK)$ button to confirm the selection.
(11) VGA	Sw itch to VGA input source screen.
(12) 🔊	Call out the Screen Share app.
(13) (13)	Back to the main screen.
(14)	Back to previous page or selection.
(15) <b>OK</b>	Confirm the selection.
(16) <b>(1</b> ×)	Sw itch to mute mode.
(17) 🗱	Freeze the screen. Press 🗱 button again to un-freeze.
(18) Volume+/-	Adjust the system volume.

## **Installation**

### Connect to Laptop/PC



### **Power Connection**



### **Ethernet Connection**



### **HDMI** Output Connection



### **USB** Connection



### **Microphone Connection**



### **Speaker Connection**



### Wall Mount

CB-310 has wall mount bracket included and screwed at bottom of the CB-310 unit. Wall mount bracket allow CB-310 to install on the wall or interactive monitor.

In the following, it will describe how to remove the wall mount bracket from the CB-310 and related installation safety information.

#### **Important Safety Instructions**

Improper installation may cause property damage or personal injury. If you do not understand these directions, or have doubts about the safety of the installation, contact Customer Service or call a qualified contractor. AVer is not responsible for damage or injury caused by incorrect installation or use. After reading the manual, please keep it handy for future reference.

#### **Safety information**

#### Warning

- 1. The product should be installed by a qualified professional specified by the retail store. Product installation by non-qualified personnel is very dangerous and may cause personal injury.
- 2. When moving or replacing the product after installation, contact a qualified installer specified by the retail store. Installation or movement of the product must be carried out by a skilled professional. If an unqualified person moves and installs the product, it may cause safety risks.
- 3. Be sure not to hang the pow er cable and signal cable on the back of interactive monitor when installing the wall-mounted on the interactive monitor. Damaged cables may result in fire, electric shock, or damage to the product.
- 4. The product should be installed where its weight can be fully supported. If the product is installed on a weak surface, the product may fall, causing injury.
- 5. Do not hang on this product; protect the product from severe impacts after the installation. The product may fall and cause injury.
- 6. This product contains small items that could be a choking hazard if sw allowed. Keep these items aw ay from young children.

#### Caution

- 1. Follow the instructions in this manual to product properly. If you do not follow these instructions, the product may be installed incorrectly and cause serious injury or the product may become damaged.
- 2. When installing the product, first check that the w all is flat and strong enough. Use the correct anchor and screws. If you use anchors and screws that are not specified by the manufacturer, they may not hold the w eight of the product, causing safety issues.

- 3. Keep this product aw ay from sprinklers, sensors, high-tension wires and power sources. Do not install it in a location where vibrations or impacts are likely to occur.
- 4. To install or adjust the height of the product, two or more people are needed. If you try to install or move the product alone, it may fall and cause injury or the product may become damaged.
- 5. Do not attempt to install or assemble this product if the product or hardware is damaged or missing. In the event that replacement parts or hardware are needed, please contact Customer Service.
- 6. When drilling holes into the wall, make sure you use a drill and drill bit with the specified diameter. Ensure that you also follow the instructions regarding the depth of the holes. Otherwise, the product may be installed incorrectly and cause safety issues.
- Do not clean the product with a wet towel, and do not place a heater, or humidifier beneath it. Moisture, steam or heat permeating into this product may result in fire, electric shock or product damage.

#### Safety tips for installation

- 1. At least 2 professional installers should on site when installing the wall mounting bracket on the interactive monitor. To prevent injury and damage to the wall and device, user should not perform the installation without professional guidance.
- 2. The installation position should be on the w all that can bear the w eight of the product and bracket, and measures should be taken to calculate the effects of other external forces.
- 3. To avoid accidental damage to the device and human safety, please install the bracket in a place w hich avoids the contact of children.
- 4. When the installed screws become loose, please turn off the device and unplug the pow er cord for further check.
- 5. The bracket should be installed on a vertical flat surface.
- 6. For the best w orking performance, these places should be avoided: strong electric field, strong magnetic field and potential leakage of inflammable gas.
- 7. For the best view ing, the bracket should be installed in the place where the direct intense light and reversed light situations should be avoided.
- 8. In case of fire, please avoid the places as described below : heavy soot, windy and dusty place, intense humidity and intense heat.
- 9. During installation, please make sure connection betw een the screws and bracket are secured firmly.
- 10. This instruction should be strictly followed. The manufacturer isn't responsible for **any damages and lost caused by inappropriate installation and operation.**

#### Ventilation

Keep clearances around the product according to the minimum dimensions show n in the picture.

Never cover the ventilation holes or insert any object into the housing.

Do not place the product in a confined space such as bookcase or imbedded closet unless appropriate ventilation conditions are provided. There should be adequate clearances around the product to ensure good ventilation.



1. First, release the screw at bottom.

2. Lift the collaboration box and let screw out from the gourd hole on the w all mount to separate the w all mount from the unit.



- 3. Mount the mount bracket on the wall or interactive monitor.
  - On the Interactive monitor: Please use the screw as interactive monitor's spec.
- Back side of the monitor
- Hang the collaboration box on the wall mount bracket.

5. Use screw to secure the collaboration box and w all mount bracket.

6. Connects all necessary cables. It is recommended to be fixed cables to the w all at about 10 cm from the collaboration box, and then, managed w ith a cable tie to prevent the cable from falling and pulling the machine.

On the w all: Use the impact drill to drill the holes and use screw to secure the w all mount bracket on the w all.

[Note] Please use the screws according to the actual w all material and condition.



## Using AVer CB-310

### **Power On**

Connect the pow er plug to the pow er outlet on the w all. Press the pow er button ( ) on the AVer CB-310 unit. For the first time startup, a w izard will guide you to setup some settings.



### **Wizard Setup**

For the first time startup, a wizard will guide you to setup some settings.

The follow ing will describe the settings step by step.

1. Language: select the lanuage. Tap the ▼ to select the lanuage. Then, tap "GET STARTED" to continune.



2. **WiFi setup:** Turn on and connect to the WiFi AP. Tap to turn on the WiFi and select the avilable WiFi AP to connect. If user doesn't enable the WiFi, please remember to connect a Ethernet cable for internet accessing. After connecting the WiFi, tap "Next" to continue.

Select Wi-Fi			<b>\$</b> :
c	Dff	•	
	To see available network	s, turn Wi-Fi on.	
BACK			SKIP

 Setup Date and Time: Set the current date and Time. Autom atically date and time is enabled in default; but user still can be adjust the time zone if needed. Or user can disable the automatically date and time and set the date and time manually. After setting date and time, tap "NEXT" to contiune.

			×	🔹 🔹 😵 4:35 PM
-				
	Setup Date and Time			
	Automatic date & time Use Network to automatically detect time			
	Set date January 25, 2000			
	Set time 4.35 PM			
	Select time zone GMT-08:00			
	GM 1-08:00			
	BACK	NEXT		
		(Max)		

 Create Alias for the board: This name will be used as s Screen Share connection indenitity. The 20 characters are limited. A defalut name will be provided by AVer CB-310 system. Select "SAVE" to continue and save the settings.

		🖹 🕣 🟋 5:47 AM
Create Alias for the board	SKIP	
This will help when you want to mirror from your device screen to share		
Division is manne to phone that you can avoid type up to 20 characters AVerBoard_63e18c		
Pre local d_oue rec	_	
BACK	SAVE	

Update FW: AVer CB-310 system will check is there new version FW for updating. If there is a new version FW, the update will be performed. No update, the message will show and tap "NEXT" to continue.

Checking for updates	

6. Install Gogole Apps: Tap"INSTALL" to install apps. After installation, the AVer CB-310 system will restart. If you skip the steps, please dow nload it from the follow ing link.

Install Google Apps	Install Google Apps SKIP BACK INSTALL		
Install Google Apps			
Install Google Apps			
Install Google Apps			
Install Google Apps skip			
Install Google Apps			
Install Google Apps skip			
Install Google Apps skip			
install Google Apps skip		Install Casala Anna	
	BACK INSTALL	Install Google Apps	SKIP
	BACK INSTALL		
	BACK INSTALL		
	BACK INSTALL		
BACK INSTALL		BACK	INSTALL

7. **Boot source setup:** Select the input source to display on screen after boot-up(Home screen, HDMI 1/2/3, VGA, USB cam, Screen share, Last input source).

	***
Bootup source setup	
Home screen	
O HDMI 1	
O HDMI 2	
O HDMI 3	
⊖ vga	
O USB cam	
O Screen share	
O Last input source	

8. Login: After restarting, login within your google account. And, the CB-310 system is ready for using. If want to login later, select "Skip".

🗱 🜒 😵 5:49 AM Log in SKIP Your Google Account NEXT

[Note]Please make sure the internet connection is w orking.

9. After completing the wizard setup, the main screen is displayed. The main screen will be the input source that user selected at "Boot source setup". The follow ing screen is "Home screen (Entry mode)".



### **Power Off**

While in pow er on status, press  $\bigcirc$  >  $\bigcirc$ K button on the remote controller to turn off the CB-310. Also, press power button ( $\bigcirc$ ) on the AVer CB-310 unit, then, the power menu is displayed on screen and select "**Pow er Dow n**" to turn off the AVer CB-310 system. Also, user can long press power button ( $\bigcirc$ ) to turn off the AVer CB-310.

Please select chann	els (Max:4) and then press the "S	tart" hutton for display
HDMI 1 HDMI 2	SCREEN LOCK RESTART POWER DOWN	Screen Share
© Settings		SCREEN LOCK RESTART POWER DOWN
### Restart

Press pow er button ( ) on the AVer CB-310 unit and select "Restart".



# Screen Lock (Manually)

User can manually turn off backlight.

- 1. Press pow er button on the AVer CB-310 device.
- 2. Select "SCREEN LOCK". The screen will turn to black immediately.
- 3. While in backlight off status, press power button can bring out the screen.

Please select chan	SCREEN LOCK RESTART	tton for display
HDMI 1 HDMI 2	POWER DOWN	Screen Share Screen Share Screen LOCK RESTART POWER DOWN

## **Mode Switching**

AVer CB-310 provides two mode - Entry and Advanced mode. The default is Entry mode.

Press  $(\bullet)$  button to switch between Entry and Advanced mode.



Entry Mode



Advanced Mode

## **Entry Mode**

At Entry mode, user can select multiple input sources and Screen Share function. The maximum multiple screen are up to 4. Input source HDMI 1/2/3, VGA only can select one; the Screen Share screen can select tw o.

Press  $\blacktriangleleft$  and  $\triangleright$  button on remote controller can select input source. Press **OK** button to confirm the selection.

	ease select ch	aannels (Max:4	) and then pres	ss the "Start" t	outton for displa	¥-0 ♥ 1236 AM
HDMI 1	HDMI 2	HDMI 3	VGA	USB	Screen Share	Screen Share
(Settings					0	) Start

After selecting, press  $\checkmark$  button move to "Start" and press  $\bigcirc OK$  button. Then, screen will switch to selected screen view.



Resure your device is on the same Wi-FI network as this panel

Look for panel name you want to connect in your device

AVerBoard\_2eac10

In input source screen (HDMI 1, 2, 3 or USB), press  $(\mathbf{OK})$  button on the remote controller will show up the control icon  $(\mathbf{OK})$  on screen. Use Zoom in/ out( $(\mathbf{O}/\mathbf{O})$  button on remote controller to operate.

Also, press  $\blacktriangle$ ,  $\lor$ ,  $\triangleleft$ ,  $\blacktriangleright$  button and move the image view on the screen. Press  $\bigcirc$   $\bigcirc$  OK B again can switch to full screen view.



Press (D) button on remote controller can select different input sources. If user w ants to cancel the

previous selection, use  $\blacktriangleleft$  and  $\triangleright$  button move to the input source and press (**OK**) button to un-select.

button can return to main

When changing the input source, the screen view is stop. Press (non-



Select "Settings" will call out setup page.



#### Tool menu

To call out tool menu, please connect the USB mouse to the AVer CB-310. Then, select to exmenu.

to expand





### Enable Airplay Onscreen Code

Enable/disable the AirPlay code to display on screen for Apple device connection.

Please connect the USB mouse to the AVer CB-310 to operate the function.

1. Select Settings ...



2. Select AirPlay Onscreen code to on status.

÷	×
Display	
Screen Share	
Incoming request for authorized connection Disable	
AirPlay Onscreen Code	
Display	
Device Name	
AVerBoard_2eac10	
Font size	
Default	
Wallpaper	
Minimized and manu	100

3. The Airplay code will display on Screen Share screen.

AirPlay Onscreen C Step 1	600 t: 7858 Step 2	
Make sure your device is on the same Wriff national as the point Connect to: AVI-Staff	Look for panel name you want to connect in your dwide Panel Name: AVerBoard_2eac10	

4. When two Screen Share are displayed, the Airplay code is same.

		Screen share		Screen share	
	AirPlay Onscreen C	od: 7858	AirPlay Onscreen C	od 7858	
	Step 1	Step 2	Step 1	Step 2	
>	Make sure your device is on the same Wi-Fi network as this panel Connect to:	Look for panel name you want to connect in your device Panel Name:	Make sure your device is on the same Wi-Fi network as this panel Connect to:	Look for panel name you want to connect in your device Panel Name:	- (
	AVI-Staff	AVerBoard_2eac10	AVI-Staff	AVerBoard_2eac10	

### Advanced Mode

Apps / Infor. notices	Status icon(WiFi, Bluetooth, Audio)
Welcome to class, students!	S 0 1+ Y 4.40 PM
04:40 PM Tuesday, Oct 1 Tap hold to edit or hide any widgets.	
Basic Information Area	- Notepad
Too bar	· · · /
• 1 5 2	Tool -
	All Apps KYL

- Basic Information: User can define Headline, Secondary Information and Time & Date(Also see <u>Basic Information</u> section).
- Notepad: User can w rite the memos in here (Also see Notepad section).
- **Tool bar:** Select ≥ or < to call out tool bar. Tool bar are include Back, Home, Annotate, App Sw itch, and Inputs functions (Also see <u>Tool bar</u> section).



All apps: All application programs in the system are displayed in here. Select to expand app list. Tap and hold on the app can move app's position. If app is installed by user that can be deleted; Tap and hold on the app and an "X" will show on app.

			¥ •0 ↔ ¥ 4:40 PM
Welcome to c	lass, students!	Notepad	
04:40 PM Tuesday, Oct 1	You can add class information here. Tap hold to edit or hide any widgets.	-	
•			
-			· · · ·
		O	
\$ \$ 5	m.		
3658			36
3558			
SCO	0		THE
k 💟 to narr	ow down the app list.		



Application icon can move to the desktop.

			i and a second sec		🗱 🜒 ↔ 😿 6:03 PM
	Welcome to c	lass, students!	Longer		DX ax
•	06:03 PM Tuesday, Oct 1	You can add class information here. Tap hold to edit or hide any widgets.			Cox.
	11	1 11 1			
					No.
			. 0		•
2	200	*			
		Ť			
•			Cancel		
•, 5			<b>•</b>		
32		Commenter Street	n spend Stringson Senge		11
1529			Casley Orașting & Cross	, X	766
3555		and and a set	. 15.15	20	(VL
5612			13.33	L	416

To delete the App icon from the desktop, click and hold until "**Remove**" option is shown. Then, move the App icon to remove option.

				¥ •9 ↔ ¥ 6:03 PM
	Welcome to a	lass, students!	Rangaal	X at
•	06:03 PM Tuesday, Oct 1	You can add class information here. Tap hold to edit or hide any widgets.		OX
	11			
				No.
			. 0	
	2.10			
			X Remove	•
• , ;			× Remove	
18				
353				
3555		() R	s 💿 👼 💿	
SUL		Chemium Ave Whitehard S	own Steve Spored 15 File Equiner Settings	

**Multiple Apps can create a file folder on the screen.** First, move the one app to the screen and move another app over the app. Then, a file folder will be created. The file folder can be re-named as user w ants; just select and enter the name.



The file folder can be re-named as user wants; just select and enter the name.



To delete file folder, click and hold until "**Remove**" option is shown. Then, move the file folder to remove option.



Notice column: Wipe from top to dow n the notice column will display. The notice column display the current action that user has done and some reminders. Select "CLEAR ALL" will delete all notice in column.

Welcome to class, students!			3:10 PM * Tue, Oct 16	• ^
03:10 PM Tuesday, Oct 16	You can add class information here. Tap hold to edit or hide any widgets.			¢
•				
a og			Aver System Control ~ Notification Incorrect firmware version to use wi your administrator.	th panel! Please contact
12 221			المغ	

■ Status icon(Bluetooth, WiFi, Audio) : Tap to display WiFi and Bluetooth status icon. Tap icon can enable/disable the status. Tap "v" to expand the column for volume and backlight adjust bar.

			3:10 PM * Tue, Oct 16	¢ ^
Welcome t	to class, students!	Notepad		
03:10 PM Tuesday, Oct 16	You can add class information here. Tap hold to edit or hide any widgets.			•©
			Aref System Control – Notification Incorrect firmware version to use w your administrato:	th panel Please contact

## **Basic Information**

User can define the Headline, Secondary Information, and set Date&Time on/off on the main screen.



### Edit the Basic Information

- 1. Click and hold the Basic Information to edit.
- 2. Select "Edit content".



3. In Basic Information dialog, user can select Headline, Secondary Information, and Time and Date to display on main screen or not. Just click to on or off the displaying.

			× •0 •	5:16 PM
Welcome to	class, students!	Notepad		
05:16 PM Tuesday, Oct 22	You can add class information here. Tap hold to edit or hide any widgets.			
	+		×	
	Basic Information Widget			
	Enable			•
>	Headline Click here to edit text			<
	Secondary Information (ex Ms. Doe Click here to edit text	's First Grade Class) on	•	
• , ;	Time and Date	on 🛒		
332			×76	
12253			244	

4. After setting, the headline, secondary information and time and date are displayed.



### **Disable the Basic Information**

Don't display the Headline, Secondary information and Time & Date on the screen.

- 1. Click and hold the Basic Information until the "Remove" option is show n.
- 2. Move the Basic Information to the "**Remove**" option. Then, the Basic Information will be disappeared from the screen.



### Enable Basic Information

- 1. Click and hold the screen until the "Widgets" option is show n.
- 2. Select "Widgets" and select and drag the "AVer Basic Information" to the screen.



# Notepad

User can write memos on the notepad.

1. Click " sw itch to edit mode.

• • •				峯•0↔❤ 下午7:38
同學們,歡迎	P !	468		
07:38 下午 星期一, 9月 9日	您可以在此添加課堂資訊。 長按此處可編輯或隱藏小工具。			
0				
			-1	•
• ? .				
183.	12	× SE		441.2
3338				
SCO	•	117		

2. Select the color and w rite on the notepad. For partial deletion, select " 🔷 ". To delete all, select





3. Tap "v" can expand more space. Then, select" 💋 " switch to edit mode.

### **Disable the Notpad**

Don't display the Notepad on the main screen.

- 1. Click and hold the Notepad until the "Remove" option is show n.
- 2. Move the Notepad to the "**Remove**" option. Then, the Notepad will be disappeared from the main screen.



#### Enabel the Notepad

- 1. Click and hold the screen until the "Widgets" option is show n.
- 2. Select "Widgets" and select and drag the "AVer Whiteboard Notepad" to the main screen.



### Schedule

User can set the class time to remind. The in time class will be in **bold text**. To view other schedule page, tap (and b) to switch it.

### Edit the Schedule

- 1. Click and hold the screen until the "Widgets" option is show n.
- 2. Select "Widgets" and select and drag the "AVer Whiteboard Notepad" to the main screen.

		أتعلم فتعارز المعاد			
	Welcome to c	ass, students!			
	05:58 PM Tuesday, Oct 22	You can add class information here. Tap hold to edit or hide any widgets.			
			1.00		
60					
0,8.					
322	0			- 4	
		WALLPAPE	ERS WIDGETS	X	
				20	
SC .	•		12.27	J.	P/F
		~	、ケ		



3. Click and hold the Schedule to edit.

#### 4. Select "Edit content".



5. Select the day (Mon ~ Sun) and select "Add item".

									* •	10:36	AM
Welcome to cla	iss, studer	its!				Notepad		0	🕥 Today'ı Schedule	0	
10:38 AM Wednesday, Oct 23		d class information her edit or hide any widget						l			
•		← Schedule Widget					×	I	You can add your class schedule her Tap and hold to edit or hide any widg		
		Enable									
»		Time				On	•••				1
•		MON TUE	WED	THU	FRI	SAT	SUN				
- <b>•</b> 45		🕀 Add Item									

6. Then, enter the name for the schedule (ex. Math). The maximum length of name is 15 characters.

										****	10:36 AM
Welcome to clas	s, stude	nts!									
10:38 AM Wednesday, Oct 23			Tap to add	text		0/15 d	baracter limit				
Hedresday, Oct 23		€ Schedule Widge Enable	10:	38	11 9 8 7	12 1 6 5 CANCEL	2 3 4 OK		×		
			TUE W		THU	FRI	5	SAT	SUN		
		Add Item									
• , ;			1				1		Ŷ		
1 2 2		q <sup>1</sup> w <sup>2</sup>	e <sup>°</sup> r <sup>4</sup>	t	у	u "	i	°	p° 🖾		
- 15.261		a s	d	f g	h	j	k	I	0		
		_ z	x c	v	b	n	m	!	? 🔺		
	ð	?123 ,							. 🙂		

- 7. Next, select the "Hour" and "AM/PM".
- 8. Then, select the "Minute" and click "OK" to save the settings.

			▲ 49 ♥ 10:38 AM
Welcome to cla 10:38 AM Wednesday, Oct 23	<b>ss, students!</b> You can add class information her Tep hold to edit or hide any widget		
	Schedule Widget	w term the att at the start of	Nu ann deif year allans a sheader hen. Tag and half for either an sheader hen.

9. A schedule will show in list.

schedule. Select " a can delete the file.

- 10. User can add file and URL link for the schedule. Select "The add file or URL link.
  - Add File: Select " Add File and select the file. The added file will be listed under the

÷	×	÷.	×
Schedule Widget		Schedule Widget	
Enable		Enable	
Time	On 🛑	Time	•• <b>••</b>
MON TUE WED THU FRI SAT	T SUN	MON TUE Add File SAT	SUN Põ II
13:00 English 🖍	P6 8	13:00 Engl CANCEL NEXT	<sup>20</sup> II

÷						×
Schedule V	Vidget					
Enable						
Time						On 🛑
MON	TUE	WED	THU	FRI	SAT	SUN
11:00	Math 🥖	,			1/6 File \land	B 🗎
D 101.xls	x	1				
13:00	English	/				iio iii
🕂 Add It	em					

Link to URL: Select " Link to URL and enter the URL (ex: www.google.com) and the

name of the URL. The added URL will be listed under the schedule. Select "



÷							×
Schedule V	Vidget						
Enable							
Time						On	
MON	TUE	WED	THU	FRI	SAT		SUN
11:00	Math 🧪				2/6 File \land	iii)	Î
C 101.xls	x	i d Se	arch	Î			
13:00	English	/				10 10	Î
🕂 Add It	em						

- 11. User can delete the schedule by clicking icon.
- 12. To add more schedules, repeat above steps.

÷							×
課程表工具							
啟用							
課程時間						政府	•
坦	退二	週三	週四	坦五	週六		旧日
18:30	數學101 ormation Inc	∕ _∎ ∂ Se	arch		2/6 附件 ~	86	8
20:47	英文 🧪					10	
⑦ 添加項目	B						

13. After setting schedule, click "←" to exit from Schedule page. Today's schedule is displayed on the screen. Click "●" and "●" can view other schedule in other days. Click ">" can expand to view the attached file and URL.

Ŷ				¥ 49 ♥ 1:46 PM
Welcome to	class, students!	otepad	O Today's Schedule	0
01:46 PM Wednesday, Oct 23	You can add class information here. Tap hold to edit or hide any widgets.	Math D 101.xtsx ∦ Search	> 03:00am Math 01:00pm English	
0				
<u>*</u>		~ 0		<
- ° D.				•
. 8,		0		
1253		0.511.0	J.L.	
-803				
- and	Domain Are Mindeled Street To			

### Disable the Schedule

Don't display the Schedule on the main screen.

- 1. Click and hold the Schedule until the "Remove" option is show n.
- 2. Move the Schedule to the "**Remove**" option. Then, the Schedule will be disappeared from the main screen.



### **Pinned File**

Put the favorite files and links for easily accessing.

### Enable Pinned File

- 1. Click and hold the screen until the "Widgets" option is show n.
- 2. Select "Widgets" and select and drag the "AVer Pinned File" to the main screen.



#### Edit the Pinned File

- 1. Click and hold the Pinned File to edit.
- 2. Select the "Edit content".

Welcome to ci	lass, students!	Nutspad	
01:35 PM Monday, Oct 28	You can add class information here. Tap hold to edit or hide any widgets.		
	* 7841		
2 7.48	Go to Settings > Widgets > Pinned Files to add your first file.	. 0	
	Edit content		
		helly "	
	Commer and Malancel Systems	Street Hildstever	

3. Select " " can re-name the page of Pinned file. After enter the name, select " **Done**" to save. The maximum length is 18 characters. Total is 6 Pinned File pages, select and to switch it.

÷			;	×
Pinned Files Widget				
Enabled				
	Title1	6/18 characters DONE	0	
🕀 Add Item				

4. Select "Add Item" to add file or URL link.



■ Add File: Select Add Item > Add File and select the file.

	Title1 🧪	0	
Add Item			
	Add File		
	Link to URL		
	CANCEL	NEXT	

The added file will be listed on the Pinned

File page. To delete, select " . To change the order, tap and hold the " to move.

	÷				×
	Pinned Files Widget				
	Enabled				
		Title1 🧪	۲		
Γ	101.xlsx			Î	≡
	🕀 Add Item				

Link to URL: Select Add Item > Link to URL and enter the URL (ex: w ww.google.com) and the name of the URL.



The added URL will be listed on the Pinned File page. Select "

÷				×
Pinned Files Widget				
Enabled				
	Title1 🧪	Ø		
101.xlsx			Î	≡
Search			Î	≡
🕂 Add Item				

5. After the setup finished, select "X" to exit the page. User should see the added file and URL link on the Pinned File page. Select file or URL link will open the file or the Web page. Select and

Velcome to class, students! D2:04 PM Monday, Oct 28 Tap hold to edit or hide any widgets. To take Beach Be

#### **Disable the Pinned Fie**

Don't display the Pinned File on the main screen.

- 1. Click and hold on the Pinned File until the "Remove" option is show n.
- 2. Move the Pinned File to the "**Remove**" option. Then, the Pinned File will be disappeared from the screen.



can switch to different Pinned File page.
# Web Search

Enter key word to search on the web.

#### Enable the Web Search

- 1. Click and hold the screen until the "Widgets" option is show n.
- 2. Select "Widgets" and select and drag the "AVer Web Search" to the main screen.



3. Enter the key word or URL to search.



#### **Disable the Web Search**

Don't display the Web Search on the main screen.

- 1. Click and hold on the Web Search until the "**Remove**" option is show n.
- 2. Move the Web Search to the "Remove" option. Then, the Web Search will be disappeared from the screen.



# Tool Bar

The toolbar is located at both of the screen, tap  $\rightarrow$  or  $\lt$  on the both side of screen to call out the tool bar. Click " **X**" to hide the tool bar.



- Back: Back to previous screen.
- Home: Return to main screen.
- Annotate: Call out the annotation tool (Also see <u>Annotation Tool</u> section).
- Freeze Frame: In freeze status, user can operate the pow er menu and annotation function. To un-freeze, select "Un Freeze" from toolbar.
- App Switch: View recent running programs, switch to one of running program, and close the running programs. To close all running programs, click "Clear All".



Inputs: Select the input source which devices are connected with the AVer CB-310 system through HDMI, VGA, and Type C interface.

[Note] Press "(D)" on the AVer CB-310 can call out the input source selection.



### **Annotation Tool**

The annotation tool can be used in any input source screen.



### **Split-Screen Mode**

The AVer CB-310 system supports 2 split screens display.

- 1. Select "App Switch" from Tool bar.
- 2. Click the one app and hold, then, move to the side of screen (left or right) to sw itch to split-screen mode. Also, user can select input source to display in split-screen mode, too.



3. In split-screen mode, left screen is fixed display, right screen is replaceable that user can switch another app/input source to display on the screen.

-					* 🗊 🔻 6:11	PM
	Ai	irPlay Onscreen Code: 7858 O				4.
					CLEAR ALL	
	Start Sc	sreencasting		Source Switch	×	
	Step 1	Step 2	~	Chromium	×	
>	Connect to: AVI-Staff	Panel Name: AVerBoard_2eac10	1			<
	Select your device type to learn how to connect:					
			•			

4. The split screen can adjust size by click the edge of split screen and move to left of right side.



5. To return to normal screen display, click the edge of split screen and move the way down to left or right side.

# **Multiple User**

AVer CB-310 supports user login mechanism to allow different users to log in and have their ow n environment settings and save.

### Enable Multi User

Before to login with user account, please enable the multi user function.

- 1. Select the "Settings" icon to bring out the Settings page.
- 2. Select "Multi Users" and enable multi user function.

Settings	×		<b>+</b>	×
	GENERAL WIDGETS		Multi Users	
<u>8</u> 5	Screensnot		Setup From Server	
+	Multi Users		Multi Users Off	
=	Storage 3.82 GB of 7.28 GB used	J		
	Memory Avg 1.1 GB of 3.8 GB memory used	P	$\rangle$	
Person	al	ĺ		
•	Location ON			
ô	Security			

3. The system will require user to set the password for security. Select "SET PASSWORD".



4. Enter the passw ord (at least 4 characters) and re-enter the passw ord to confirm.



5. After completing password setup, the multi user function is enabled.

		×
sers		
On	•	
ttings		
th google account		
th card		
You (Admin)		\$
Guest		•
Add user		
	Isers On On ttings ttings th google account th card You (Admin) Guest Add user	On        ttings       ith google account       ith card       You (Admin)       Guest

## Add User Account

The Admin account has authority to add new user account.



2. Enter the user name for the account, ex: Amy. Then, select "NEXT" to set the password.



3. Enter the passw ord for the user account (4 characters at least). Then, click "Next" to complete the setup.



### Login with the User Account

0.5

1. Press pow er button on the AVer CB-310 unit. Select "LOGOUT". The logout option will show only when "Multi user" function has enabled.

[Note] The user needs to logout from current account in order to login within your ow n account.

Welcome to cla	ss, students!		Notepad		
03:45 PM Wednesday, Oct 30	You can add class informati Tap hold to edit or hide any v				
	1/1				
		LOGOUT	T	0	
		SCREEN	I LOCK		
		RESTAR	Т		
		POWER	DOWN	31	LOGOUT SCREEN LOCK RESTART POWER DOWN

2. All user accounts will list on the screen.

	Admin	
	Password	
	LOON	
	q w e r t y u i o p ≪3	🕹 Тот
	asdfghjkl 🧭	Coris
Guest	🛧 z x c v b n m ! ? 🛧	😩 Amy
	7123 ,	

3. Select the user account that wants to login within. Enter the password of the user account and select "LOGIN".



- 4. For the first time login, follow the on-screen instruction to complete the start-up.
- 5. After login, the user should see your account name is displayed on upper right corner of the screen.



- 6. To login within another user account, repeat the step 1 to step 5.
- 7. If login with "Guest" account, all the data (ex: pictures, login information, file..etc.) will not save on the systemafter logout.

#### Change the Password

User can change the passw ord of the account.

1.	After login, select Settings > Multi User :	er > 🔯 of your account (ex: You(Amy)).
Settin	gs	×
	GENERAL WIDGETS	Multi Users
24	Screenshot	Users
•	Multi Users	🕒 You (Amy)
	Storage 3.82 GB of 7.28 GB used	Admin
	Memory	Doris
	Avg 1.1 GB of 3.8 GB memory used	Странци Сонтантика Страна С
Pers	onal	
•	Location ON	
â	Security	

#### 2. Select **Password**. Enter the current password.

<del>ć</del> ×	€ ×	
User Settings	Set up password	
Enable	Verify current password Enter your current password to continue	0
Bind card for login Disable	qwertyuiope asdfghjkl 🥑	3
	★ z x c v b n m ! ? 4	

3. Select "Enable" to change the password.



4. Enter the new password and re-enter the password to confirm.

← ×							÷										×					
Set up password									Set up password													
New password Enter your new password Must be at least 4 character											Enter		rew p					2				
q'w	2	e	r	t	у	u 7	i	0 9	p	•	'	q	W <sup>2</sup>	e	r <sup>4</sup>	ť	у	u "	i	0 9	p°	Ø
а	s	d	f	g	h	j	k	1		0		а	a s	d	f	g	h	j	k	1		0
<u></u> ▲ z	z	х	с	v	b	n	m	1	?	*		*	z	х	с	v	b	n	m	!	?	+
?123 ,	1									٢		?123	,									٢

#### Delete the User Account

The user can delete your ow n account. Once the user account is deleted; the system will logout and back to the login screen.



#### 2. Select **Select** > **DELETE**.



3. The system will return to the login screen.



## Admin Account Management Change the Password

The AVer CB-310 system has two default user accounts – Adm in and Guest. The Admin account can be modified; the Guest account is not modifiable.

- 1. Select 🔯 of You (Admin) account to change password and enable/disable password.
- 2. Sleect "Password".

÷	×	← ×
Multi Users		User Settings
On 🔷		Admin
Login settings		Security
Login with google account		Password Enable
Login with card Off		Bind card for login
Users	L	Disable
You (Admin)	۵	P
Doris	٥	
Com Tom	٠	

3. Enter the current password.



4. Select "Enable" to change the passw ord.



5. Enter the new password and re-enter the password to confirm.

÷	× ← ×
Set up password	Set up password
New password Enter your new password	Confirm new password Enteryour new password to confirm
Must be at least 4 character OK	Must be at least 4 character OK
q w e r t y u i o	p° 🖾 q' w e r t y u i o p° 🖾
as dfg hjkl	🧿 asdfghjkl 🧿
★ z x c v b n m !	? 🛧 z x c v b n m ! ? 🛧
?123 ,	. 🐵 ?123 , . 🕲

6. If user selects "Disable", then, the multi user function is disabled.

#### **Change Account Profile**

The Admin and user account name and photo can be changed.





- 2. In account setting page, select account name and change profile dialog will show up.
- 3. To change the account name, enter the new name in column.

€ ×	Change profile	
User Settings	e Admin	
Admin	•	ANCEL OK
Security		0
Password Enable	Password Crustile	
Bind card for login Disable	Administration Admin Administra	ative₽
	q w e r t y u i o p	a 🖉
	as dfg hjkl	0
	z x c v b n m ! ?	*
	7123 ,	٢

4. To change the account photo, click photo and select "Choose photo from Gallery".

			X 🗐 🐨 5:41 PM
Welcome to cl	ass, students!		CX BX
05:41 PM Wednesday, Oct 30	You can add class information here. Tap hold to edit or hide any widgets,		
۲	← User Settings	×	
	Change profile		• 5
	Choose photo from Gallery	CANCEL	ок
- 1 fr	Bind card for login Disable		•
	20		SVLE
			STAK

5. In Gallery page, select the photo and adjust the area of photo as you're w anted. Then, click "Save" to change the photo.



6. After changing the photo, click "**OK**" to complete the changing.

			米 🗐 🐨 5:44 PM
Welcome to cl	lass, students!		
05:44 PM Wednesday, Oct 30	You can add class information here. Tap hold to edit or hide any widgets.		
	← User Settings	×	
	Change profile		
	Admin		_
		CANCEL	ок
	Bind card for login Disable		
	197		

#### Setup User Account Access Authority

The Admin can set the permissions of the user account on the system.





2. In App and content access, click of the apps or contents (that allow user account to access or deny to access.

÷	×
User Settings	
Tom 🔳	
abc AVer Whiteboard	•
Calculator	-
Calendar	-
Chromium	-
ES File Explorer	-
	-

### Login with Google Account

The AVer CB-310 system allow s user to use google account to login.

- 1. Select
- > Multi User and enable "Login with google account".



- 2. Press pow er button of the AVer CB-310 unit and select "LOGOUT".
- 3. Select "Add user with google account".

		\$ +0 ♥ 5:56 PM
	8	
	Admin	
	Password	
	LOGIN	
	q w e r t y u i o	
	asd fghjkl	Contraction Contraction Contraction
Guest G Add user	_ z x c v b n m !	? 🚖 🕒 Doris
	7123 ,	. 😐

4. Then, enter your google account and select "Next"

		🗱 🐠 🐨 5:57 PM
BACK	Google Sign in with your Google Account. Learn more	
	Email or phone Forgot email?	
	Create account	

5. Enter your google account password and select "Next".

			\$ <b>4</b> 0 ♥ 5:57 PM
BACK	Google Welcome (2) werevedgmal.com		
	Enter your password Forgot password?	Rext	

- 6. Then, select "Agree" to accept the term of service and privacy policy.
- 7. The user can choose to view the tour or skip tour.

8. After view the tour, the user can start to use the AVer CB-310 system. The user should see your account is displayed on the upper right corner and the google account has created on the system.

₽					🗱 🜒 💎 5:58 PM
Welcome to cla	ss, students!				G
05:58 PM Wednesday, Oct 30	You can add class information here. Tap hold to edit or hide any widgets.				
0					N. Ser
		1	ave	eruec	•
× 7.03				and co	
•					•
· \$ \$ 5 ·		, 9		•	
3388					76
3535		neer Stars			
NICO.	•		1331		

9. User will see the google account lists on the login screen next time.

	Admin	
	Password	
	LOGIN	avenuec
	<sup>1</sup> <sup>2</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>0</sup> <sup>0</sup> <sup>0</sup> <sup>0</sup> <sup>0</sup> <sup>0</sup> <sup>0</sup>	G averuec Grouple soccure
	asdfghjkl 🧭	Com Tom
🙆 Guest 🕝 Add user	◆ z x c v b n m ! ? ◆	Doris
Guest G Add user		

#### **Change Google Account Profile**

The Google account name and photo can be changed at AVer CB-310 system, but will not change your Google account.



- 2. In account setting page, select account name and Change profile dialog will show up.
- 3. To change the account name, enter the new name in column.

← ×	
User Settings	Change profile
G averuec	CANCEL OK
	2
	Suggest contact names? Touch for info.
L	$Q^{\dagger}W^{2}E^{3}R^{4}T^{5}Y^{6}U^{7}I^{6}O^{7}P^{6}W$
	ASDFGHJKL 🧭
	▲ Z X C V B N M ! ? ★
	7123 , 🙂

4. To change the account photo, click photo and select "Choose photo from Gallery". •

			¥ 🗐 🔻 4:23 PM
Welcome to	class, students!		
04:23 PM Friday, Nov 1	You can add class information here. Tap hold to edit or hide any widgets.		
		×	
	User Settings Change profile		
>	G averuec		
	Choose photo from Gallery	CANCEL OK	
111			
15 258			746
223			NY4

5. In Gallery page, select the photo and adjust the area of photo as you're w anted. Then, select "**Save**" to change the photo.



6. After changing the photo, tap "**OK**" to complete the changing.

Ŷ			¥ � ♥ € 4:25 PM
Welcome to	class, students!		G
04:25 PM Friday, Nov 1	You can add class information here. Tap hold to edit or hide any widgets.		
٠		×	
	Change profile		
	averuec		•
		CANCEL OK	
- 1 5 5			
-102			6.2
-35553		XX	Sh.

#### Delete the Google User Account

The user can delete your google account. Once the google account is deleted; the system will logout and back to the login screen.



3. The system will return to the login screen.

	Çõ.	
	Admin	
	Password	
	LOGIN	
	q w e r t y u i o p 🛛	
	asdfghjkl 🧭	Com Com
Guest G Add user	🚖 z x c v b n m ! ? 🔶	😩 Doris
With gauge account	7123 , 🕒 . 🕲	

## Login with Card

#### Enable the Login with Card

The AVer CB-310 system allow s user to use chip sensor card reader to login to AVer CB-310 system.

1. Install the card reader to USB port of your AVer CB-310 unit.



3. User needs to set a password for creating account by card. The password will be used when create an account by card. Enter the password (at least 4 characters) and re-enter the password to confirm.



4. The system will ask the user w ants to bind the Admin account w ith card. Select "BIND CARD NOW" and put the card to the card reader. If the user doesn't w ant to bind the admin account w ith the card, select "NO, THANKS".



Bind the card with admin account is successful.



5. After enable login by card and bind the admin account with the card, user can use the card to login next time. The user should see the "**Tap card or Enter Password**" message for Admin account at login screen.



#### Create an Account by Card

The user can create an account by the card at login screen.

1. At login screen, put your card on card reader and select "Add a new account".


2. Enter the password that user has set for creating account and select "START".



3. Enter the name for the account and select "NEXT".

		3 4) 🖝 5.41 PM
	8	
Se	t up new user	
6	Nickname	
	CANCEL NEXT	
	100H	G avenues
	Q <sup>°</sup> W <sup>°</sup> E <sup>°</sup> R <sup>4</sup> T <sup>°</sup> Y <sup>°</sup> U <sup>°</sup> I <sup>°</sup> O <sup>°</sup> P <sup>°</sup> C	
	ASDFGHJKL 🧭	Com Tom
	★ Z X C V B N M ! ? ★	Doris
	7123 ,	

4. Set the password (at least 4 characters) for the account and select "NEXT".



5. Put your card on the card reader and select "OK".

Tap your card on the card reader.	Now you can log in with your card.
CANCEL	ок

6. The account has created. The user can see the account in the list on the login screen. To login, select the account and put your card on the card reader.



 For the first time login time, follow the on-screen instruction to complete start-up. The system will ask user to change the account password. If user wants to change the password, select "RESET PASSWORD", or tap "NO, THANKS" not to change the password.



#### Change the Password of the Account

The user can change the password of the account.



1. After login, select Solution > MultiUser > 💠 of your account (ex: You(Bob)).

Settings		×	×
	GENERAL WIDGETS	Multi Users	
		Users	
<b>\$</b>	Screenshot	You (Bob)	۵
-	Multi Users	Admin	
	Storage 5.01 GB of 7.28 GB used	Doris	
Persor		Tom	
•	Location	G averuec	
ê	Security		
_			

2. Select "Password" and enter the current password.

← × User Settings	← × Set up password
Bob  Security Password Enable Bind card for login	Verify current password Enter your current password to continue
Enable	q'w <sup>2</sup> e <sup>3</sup> r <sup>4</sup> t <sup>5</sup> y <sup>6</sup> u <sup>7</sup> i <sup>8</sup> o <sup>9</sup> p <sup>6</sup> 🛛 asd fghjkl 🥑
	★ z x c v b n m ! ? ★ - ?123 , . ②

3. Select "Enable" to change the password.

÷	×
Set up password	
Disable	
Enable	
Change current password	

4. Enter the new password and re-enter the password to confirm.

		x <del>(</del> x
Set up pa	assword	Set up password
	New password Enter your new password	Confirm new password Enter your new password to confirm
	Must be at least 4 character OK	Must be at least 4 character OX
q w	e r t y u i o p	q w e r t y u i o p 🖾
a s	sd fg hjkl	🔉 asdfghjkl 🔉
_ z	x c v b n m ! ?	z x c v b n m ! ? ♠
7123 ,		☺ ?123 ,

### Bind the Card for login

User can bind the card on the exiting account.

1. After login, select



> Multi User > 🔯 of account (ex: Doris).

[Note] User can login within admin account or user account.



2. Select "Bind card for login" > Enable.

÷	×	€	×
User Settings		Bind card for login	
Doris		Disable Current	
Security		Enable	
Password Enable			
Bind card for login Disable			
Permissions of install apps	0.00		
App & content access			
AVer Whiteboard			

3. Put your card on card reader. When successful message display, the card binding is completed.



### **Delete the Account**

The user can delete the account.

1. Login with your user account, select

> Multi User > 🔯 of your account (ex: You(Bob)).



#### 2. Select **DELETE**



3. The system will return to the login screen.



# **Cloud Storage**

Create the google drive on AVer CB-310 for file accessing and storage.

### **Build an Account**

1. Open the ES file explorer from All apps on the main screen.



2. In ES file explorer screen, select Network > Cloud Drive.

						💥 🜒 💗 5:39 PM
G	Facebook					
		Cloud Drive				
٥	Settings			0		
*	Favorite			de la		
	Local					
۲	Library		Ac	cess all your files anytime, anywher	e	
>	Network			to Google Drive for 15 GB of free st		<
	Network	C		Log in to Google Drive		
	LAN			Log in with other cloud drive		
	Cloud Drive					
	FTP					
	Android TV					
	Bluetooth					
	View on PC	Q	0			0
	Sender	Search	C Refresh	III II View	Windows	Heloy

3. In Cloud Drive screen, select "Login to Google Drive".

		X 10 -	🔻 5:39 PM
	Firebook		
		Cloud Drive .	
0	Settings	ø	
*	Favorite	and the second se	
	Local		
۲	Library	Access all your files anytime, anywhere	
>	Network	Log in to Google Drive for 15 GB of free storage	<
	Network	Log in to Google Drive	
	LAN	Log in was only coup any	
	Cloud Drive		
	FTP		
	Android TV		
	Bluetooth		
	View on PC	Q C # # Ø	
	Sender	Search Refresh View Windows History	,

4. Login with your google account, then, select "Next".

		\$ <b>2 +0 ↔ \$7</b> 10.39 PM
	Google Sign in with your Google Account. Learn more	
D	Email or phone Forgot email?	K
	Create account Next	

5. Enter your Google account's password and select "Sign in".

• • •			🗱 🜒 ↔ 🕱 10:39 PM
	Google Welcome © servec@gmatco	м	
	Enter your password	Ø	
>	Forgot password?	Next	٤

6. After sign in, the google drive is build.

						X 10 ↔ X 10:41 PM
	Firectook					
9		Cloud Drive				
٥	Settings		+			
*	Favorite 🗸	AVer UEC				
	Local					
۲	Library					
>	Network					<
	Network					
	LAN					
	Cloud Drive					
	FTP					
	Android TV					
	Bluetooth					
	View on PC	+	Q	С		:
	Sender	New	Search	Refresh	III D View	More

7. For another cloud account, click "New" or "+".

•		ו0↔♥	10:41 PM
	Freebook )		
		Cloud Drive	
٩	Settings	+	
*	Favorite	AVer UEC	
	Local		
۲	Library		
> 🝙	Network		<
	Network		
	LAN		
	Cloud Drive		
	FTP		
	Android TV		
	Bluetooth		
	View on PC	+ 9 C # :	
	Sender	New Search Refresh View More	

8. Then, select "Gdrive" and follow on-screen instruction to build the cloud drive.

•						¥ •0 ↔ 🛠 10:27 PM
٥	Settings					
*	Favorite	AVer UEC				
.0	Local		Add My Cloud Drive			
۲	Library	box	*	<b>W</b>		
>	Network	Box	SugarSync	DropBox		<
	Network	ConeDrive	Gdrive	<b>2</b> 53		
	LAN		ණ	~		
	Cloud Drive	Yandex	Baidu NetDisk	MediaFire		
	FTP					
	Android TV					
	Bluetooth					
	View on PC	+				:
	Sender	New	Search	Refmsb	EC View	Marr

## Open a File from the Cloud Storage

1. Open the ES file explorer > Netw ork > Cloud > your Google drive account.

•					*	♠) ↔ ♥ 10:41 PM			
	Facebook	E A - Cloud Drive X = A							
		Cloud Drive							
٥	Settings	2	+						
*	Favorite ~	AVer UEC							
	Local								
۲	Library								
> <b>4</b>	Network					<			
	Network								
	LAN								
	Cloud Drive								
	FTP								
	Android TV								
	Bluetooth								
	View on PC	+	Q	С		:			
	Sender		Search	Refresh	View	* More			

2. Select the file from your google drive. Wait for selected file will be dow nloading to local disk to open.

•					¥ €) ↔ 😵 10:32 PM				
		Cloud Drive S Aver UEC							
0	Settings	AVer CAM User Survey	User experience research survey for AVer Camera	AVer CAM產品使用者調查 (回 應) pdf	AVer CAM產品使用者調查				
	Favorite				<b>1</b>				
		AVer CAM 產品使用者基本資料問卷	無標題的試算表.pdf	AVer 實物投影機 產品使用者調查	AVer Information Inc. Company Profile 2017.pptx				
	Local	_	Loading						
۲	Library	Please wait	Loading	am End User 問卷調查	AVer USB cam End User 問卷調查				
> _	Network	The file will be cached to SD card and opened as READ ONLY		'3 (回應).pdf	V3				
	Network	Progress		78%					
	LAN	Remaining Time:00:00:01		1.96 MB/s 2019-04-15-17-01-08.p	Screenshot_2019-04-15-17-03-02.p ng				
	Cloud Drive		CANCEL		<u></u>				
				Screenshot_2019-04-15-17-07-42.p					
		ng	ng	ng	and the second s				
	Android TV	÷	<u></u>	ter and the second seco					
	Bluetooth	UX 2019 projects.pdf	SVC500 Usability Test.pdf	DocCam icon 易用性評估.pdf	9募用性测试.html				
	View on PC	+	Q	C <b>1</b>	-				
	Sender	New	Search Re	fresh View	More				

3. The file is opened by OfficeSuite.



4. If file is a \*.ppt file. Select

E

> Start slide show can switch to slide show mode.



5. Select 🥟 can edit the file.



6. Edited file can be saved as PDF file. Select

to save the edited file.



## Set Password for ES File Explorer

Set the password to protect ES File Explorer.

1. Open ES file explorer and select "Settings".

•						* •) (• *	10:41 PM
	Freebook						
		Cloud Drive					
٥	Settings	AVer UEC	+				
*	Favorite ~	110 010					
	Local						
۲	Library						
>_	Network						<
	Network						
	LAN						
	Cloud Drive						
	FTP						
	Android TV						
	Bluetooth						
	View on PC	+	Q	С		:	
	Sender	New	Search	Refresh	WD View	More	

#### 2. Select "Password Settings".

		¥ •0) ↔ 🛠 11:43 PM
← ES File Explorer		
GENERAL SETTINGS	Display settings	
Display settings		
Cleanup settings	Toolfaire Show the Select button Show the Select button as the tool bar	
Directory settings	Show the Windows button	
Search engine setting	Show icon labels on the toolbar	
Notification settings	Show the name on the toolbar Show the name on the toolbar	
Logger floating widget settings	History	<
SECURITY SETTINGS	Show folders only in history Don't show files in history	
	Others	
Password settings	Large Layout Use large layout	
Backup settings		
TOOLS SETTINGS	Show SD card on status bar Show SD card usage on status ber	0
АРР	Show hidden files Show files which start with "	
Download Manager	Show SD card size	
Window settings	Show odcard size in History	
Recycle Bin	Show low space warning Show warning message if space is low after application is installed	

3. Enter the password and re-enter password to confirm. Then, select "OK" to complete.

• •					*•0↔*	12:05 AM
SENTINAL SETTING	Passwe	ord settings				
Display settings						
Cleanup settings	App prote Require a pu	ection serve on the access ES File E	epitere)			
Directory settings		Set Pa	ssword			
Search engine setting	New password: Confirm password:					0
Notification settings	CAN	ICEL	ок			
>cogger floating widget settings						<
Password settings						
Backup settings						
	q w e	r t y	y <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup>	p 🖾		
	a s (	d f g	hjk I	0		
	z x	c v	bnm!	? 🔺		
	7123 ,			. 😔		

# Whiteboard

Select abc, on main screen to call out Whiteboard application.

# Tutorial

For the first time use, the tutorial will guide the user how to use whiteboard; select ⊖ to go next step,





If user wants to view the tutorial again after tutorial, select the "VIEW TUTORIAL" at main page of whiteboard. Select "DISMISS" will close the tutorial selection.

		*•0↔*
Welcome to AVer Whiteboard		
	W W	
	19 July 19 Jul	
DISMISS	VIEW TUTORIAL	
Recent Notes		

### **Note Format**

The note page has different format and user can choose the proper format to use.

1. Select + and select "Note". Also, user can select "Default note". The default note will be a blank page.

• •	
Welcome to AVer Whiteboard	
DISMISS	
>	
-	
Recent Notes	

2. The note formats are category in Standard, Grid, Math&Engineering, Music, Sports, and Planners&Lists. Choose the proper note format to use.

•								\$4)⇔\$7 1:	1
	er Whiteboard								
*	× New note								
	Standard								
SMISS							_		
							- 1		
	Blank	College ruled	Wide ruled	Narrow ruled	Cornell basic	Cornell ba ru	sic (college ed)		
								1	l

# Import PDF

User can import the PDF file from external USB pen drive, local (AVer CB-310 system), or Google drive into w hiteboard.

- 1. Select end select "Import PDF".
- 2. Locate the PDF file. If user wants to open the PDF file from Google drive, select **ES file explorer** > select the path > your Google drive.
- 3. The imported PDF file is displayed on w hiteboard screen.



### Save the PDF file to Google Drive

[Note] The Google drive must have built on AVer CB-310 (See also chapter of Cloud Storage).

1. In Whiteboard note page, select **Export**.



2. Select "Pages" is "Entire note" and "File format" is "PDF". Next, select "Share".

• >							* ● ↔	1 70	:33 AM
~									
	Export note								
	Pages								
>	Entire note	O This page							<
	File format								
	PDF	◯ JPEG							
		CANCEL S	HARE						
				a a	1	•	$<-\pi$	3.	

3. Select "ES Save to".

• >		¥ •)↔♥ 1:33 AM
	Share via Save to device Save to device Biuetooth Sender Save to ES	3 40 ↔ <b>¥</b> 1.33 AM
	Send by LAN	
← Untitled Note	/ • B	

4. Select  $\leftarrow$  to go to main root directory. Then, select your Google drive.

• >				3		1:34 AM
		Choose path	111			
	/ AVer UEC	Internal Storage				
D						<
		CANCEL				
← <u>Untitled Note</u>		CANCEL		•	1 &	1

5. Select the folder and select "Select". The note page will be saved to your Google drive.

• •			\$ 4) ↔ <b>\$</b>	1:34 AM
	Choose	path		
	← net.//AVer UEC@googledrive/	<b>Ea</b> 111		
	2017 computex	2018-12-24-21-12-16		
	2018-12-24-21-14-27	2018-12-24-21-14-47		
	2019-01-14-16-53-08	2019-01-14-17-06-08		
2	2019-02-14 南湖國小SI 李信彦	201812 SIU 問卷		<
	201812訪談_AVer USB cam	20180815 CAM540 易用性测试		
	20190125_北埔国中_IFP box	20190129_IFP 分割畫面		
	20190213_M70W 擺放使用性測試	20190422_百事益		
	Al_Survey	AVer CP3-B UM		
	CANCEL	SELECT		
			e e 🖌 🔍 🗖 🤆 🕇 🤅	& ÷

# Change Name of the Note

User can rename the note.

1. Select the note name is located at left bottom corner.



2. Enter the new name of the note and select OK to confirm.

• >		\$ •)↔♥ 1:44 AM
	Rename note	
	Untitled Note	
	CANCEL OK	
δ	CARLEL OR	<
	Ų.	
	Q <sup>°</sup> W <sup>°</sup> E <sup>°</sup> R <sup>4</sup> T <sup>5</sup> Y <sup>6</sup> U <sup>7</sup> I <sup>6</sup> O <sup>7</sup> P <sup>6</sup> 4	
	ASDFGHJKL 🧭	
	<u>↑</u> Z X C V B N M ! ? <u>↑</u>	
← Untitled Note	. 🙂 🖉 🖊 🔲 🗖	1 8, 1

# Using Whiteboard

The Whiteboard function tools are described in follow ing.

					\$ ¶9 ↔ ¥ 1:44 AM
>					<
← <u>Note</u>				5 ~ 1 .	🗖 < 1 o <sub>4</sub> 1
	: Undo and red	do the actions.			
: Pen fun	ction includes pe	en, eraser, mark,	shape, and tex	t function.	
: Color se	election. User ca	n select the cold	or of pen, text, s	hape, and backgro	ound of note.
Add ima splay on w		ire from camera	that is connecte	ed with AVer CB-3	10 or select an ii
		itching and add r	new note page.	Click the page nu	mber will switch
e list screei	n. Select 🔟 to	o sw itch note pa	ge.		
• •					¥ 40 ↔ ₩ 1:56 AM
	1 2	3			
>					<

Select and hold the page number will call out note page action dialog.

- Select all: Select all contents on the page. After selecting, the page will change to edit mode.
- Clear page: Delete all contents on the page.
- Import page: Import a new page in front of the current page.
- Insert PDF: Open a PDF in the note.
- **Delete page:** Delete the current page.

•			\$ •0 ↔ \$ 2:00 AM
a	Page actions Select all Clear page Insert page Insert PDF Delete page		3
← <u>Note</u>		n - 1 - E -	1 × 1

Call out sub menu list – view only, export, print, page settings, and help.



The function includes pen, eraser, mark, shape and text functions.

#### Pen

<b>ype:</b> Pen has three ty	bes – pencil (,), highlight pen (,), and pen ()).
3	
← <u>Note1</u>	<u>///</u> 

- Multitouch: Allows multiple users to write on the screen.
- **Pressure:** To make w riting more smooth.
- Thickness: Adjust the thickness of pen. Move the dot to adjust the thickness.



- Color Depth: Highlight pen can adjust color depth.



- Color: The color of all pens can be changed. Select the type of pen and go to Color selection () and select the color.



# Select

Allows user to select the object on the screen to edit. After selecting, the screen will switch to edit mode. In edit mode, user can modify the selected object.

Select select the object on the screen and the screen will switch to edit mode.

In edit mode, select *c*an sw itch to w hiteboard screen.



In edit mode, user can perform the follow ing actions.



-





: Delete the selected object.

■ Eraser( ◆)

To clear the handw riting or drawing on screen as required.





Draw the shape object on the note page. Shape objects are included line, square, and round. Move the dot to adjust thickness of the shape object.

•		12:35 A
>	ABCD	
	✓ ○ ● T ●	
← Note1	n ~ / 🖲 🖬 < 1	

Type the text on the note page.

Move the dot to adjust the font size of the text.

2	AB	
← <u>Note1</u>		щени простания и прост





Change the color of pens, Shape, and text.

Select the pen, shape, or text function first, then, select 💽 to select the color.




To take a picture from connected camera or select an image from local or external USB pen drive.

#### Take picture

Take pictures from connected camera. Please make sure the camera is well connected and power on.





1. Select **O** to take picture.

Select



can adjust the flash, display grid, and time if camera support those function.



3. After accepting the picture, the screen will switch to edit mode. Touch the picture can move picture around. Select  $\leftarrow$  can back to w hiteboard screen.





## Choose image

Select an image from local hard disk or external USB pen drive.



1. Select the image from local or external USB pen drive.

<b>A</b>		🕯 🐨 🗧 5:10 PM
Choose ima	je	■ = :
Images		
Downlo     AVer CF     23.04 GB		
2 Gallery		3

2. The image can be edited.

	•	•		
	E Captow			\$-4) <del>▼</del>
	© Display settings			
	✓ Cleanup settings			
	Directory settings	locut the pas	oword	
	Q Search engine setting			
	Notification settings	Cancel Turn on password to prote	OK act your hide list resources	
	SECURITY SETTINGS			
	<ul> <li>Backup settings</li> </ul>			
	TOOL & GETTINGE	1 2 3 4 5 6	7 8 9 0 🖾	
		@#\$%&-	+ ( ) 🥝	
		~[< \ = * ' '	: ; ! ? ~!<	
		ABC , _	/ . ©	
	•	•		•
÷				ц X 6 С 🤅
	op the image. In Crop Select all	Detect	-	
:::::	Select all	Delect	Tace	
ڻ	Rotate left	× Cance	I	
		_		
Ċ	Rotate right	Save		
	_			
elect 🗸	or 🧲 can go bac	k to edit mode.		
: Cut th	ne picture. The cut im	age can be paste	ed. Select	to paste.
		3		
	a convert nicture. Co		n a a ta th a miatura	
	a copy of picture. Se		paste the picture.	
•				
: Paste	the cut or copy of th	e picture.		
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	cate the picture. The	uupiicate picture	win paste on the s	screen infinediately.
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: Delete	e the selected part.			
	_			
In edit mod	e, select 🗲 can s	w itch to w hitebo	ard screen.	



View Only: Change to view only mode. No action can be operated. Select can back to normal mode.

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	aaa			

**Export:** Export the note page or all note pages to PDF, PNG, JPEG file and share to specific path.

•						\$•0↔\$	1:22 AM
		F					
	Export note						
	Pages						
5	Entire note	01	his page				<
276	File format						
	PDF		⊖ JPEG				
			CANCEL SHAR				
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← <u>Note1</u>					1		<b>%</b> 3

Select "SHARE" and select the type to share.

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2 3	Save to device Bluetooth	3.40 ↔¥ 122.4M
← Note1		e e 🗡 😐 🖪 👘 1 🦕 1

- **Print:** To print out the note page.
- Page Setting: Change background (note format), note page size, and color of note page.

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	X Page settings APPU		
	Background Blank Size		
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	n a 🖊 🖲 🗉 s		<b>k</b> (1)

- Paste: In edit mode, user does the cut, copy, or duplicate and select "Paste" from sub-menu list can be pasted the object on note page.
- **Help:** View the tutorial and FAQ.

# **Screen Share**

Devices are able to interact directly with the collaboration box across all platforms (Window s, iOS, Android, Mac) and share content wirelessly without any app or add-on hardware installation.

## **Enable Screen Share**

1. Netw ork Setup (Ethernet & WIFI).

## [Note]

- a. If you want to share video or do Chromecast, suggest you to use 5G network for casting.
- b. If you want to share via Miracast, please make sure you open the WIFI connection.

#### 2. Open the screen sharing app.



3. Please make sure collaboration box device and your sharing device is in the same netw ork.

**[Note]** If you want to share via Miracast, you don't need to setup the same network between your devices.



4. Use device's' default mirror function to search the collaboration box name.

[Note] Each collaboration box has different Panel Name. You can find it in Screen Share main page.

			* +) ▼
	Start Scr	eencasting	
	Step 1	Step 2	
	Make sure your device is on the same Wi-Fi network as this panel	Look for panel name you want to connect in your device	
2	Connect to: VD-2F-1-2.4G	Panel Nam :: AVerBoard_1853eb#jim	<
	Select your device type to learn how to connect:		
			EXIT 🌣

## **Setup Screen Share**

## AirPlay Onscreen Code

Enable/disable the AirPlay code to display on screen for Apple device connection.

1. Select Screen Share > 🗱 .

Start Screencasting
Step 1 Step 2
Make sure your device is on the same         Image: Connect in your device           Wi-Fi network as this panel         Image: Connect in your device
Connect to: AVI-Guest Panel Name: AVerBoard_d0b4c4

2. Select AirPlay Onscreen code to enable.

÷	
Panel Display	
Screen Share	
Incoming request for authorized connection Disable	
AirPlay Onscreen Code	
Display	
Device Name AVerBoard_d0b4c4	
Font size Default	
Wallpaper	
Disture Decomptor	

3. Then, the AirPlay code is displayed on Screen Share screen. User can click "O" to refresh the AirPlay code.



## Incoming request for authorized connection

Enable/disable for multiple connection authority.

[Note] For multiple connections, still only one device screen can be displayed on the screen.

1. Select Screen Share > 🗱.

	Start Screencasting		
Step 1	Step 2		
Make sure your de Wi-Fi network as t	evice is on the same Look for connect	panel name you want to in your device	
Connect to: AVI-Gue	st Panel Name:	AVerBoard_d0b4c4	

 Select Incoming request for authorized connection > Enable with 10/20/30 seconds timeout. The authorization request will display on screen for 10/20/30 seconds when connection request is coming. The default is Disable.

<del>&lt;</del>	×			
Panel Display				
Screen Share	Т			
Incoming request for authorized connection Disable		<ul><li>Inco</li></ul>	ming request for authorized connection Disable	
AirPlay Onscreen Code		0	Enable with 10 seconds timeout	
Display	<b>_/</b> /	0	Enable with 20 seconds timeout	
Device Name AVerBoard_d0b4o4		0	Enable with 30 seconds timeout	
Font size Default				CANCEL
Wallpaper				
Pilatura Danamatar				

## **Device Name**

Change the collaboration box name that use for connection identity.

1. Select Screen Share > 🔯

) E Ý						¥¥2 ▼ 3:41 PN
		Start Sc	reencasti	ing		
	Step 1		Step 2			
	Make sure your device is on the same Wi-Fi network as this panel		Look for panel name you want to connect in your device			
	Connect to:	AVI-Guest	Panel N	lame:	AVerBoard_d0b4c4	
	Select your devic	e type to learn how to connect:				
						EXIT 🌣

2. Select **Device Name** > Enter the new device name > **OK**.

	× Device Name	6/20 character limit
Panel Display	aaabbb Use English letters (lower and upper case), numbers or symbols.	
Screen Share		CANCEL SAVE
Incoming request for authorized connection Disable	Incoming request for authorized connection Disable	
AirPlay Onscreen Code	Coplay	
Display		Ŷ
Device Name AVerBoard_d0b4c4	q'w <sup>2</sup> e <sup>3</sup> r <sup>4</sup> t <sup>5</sup> y <sup>6</sup> u <sup>7</sup> i <sup>8</sup> o <sup>9</sup> p	° 🛛
Font size Default	asd fghjkl	•
Wallpaper	→ z x c v b n m ! 1	? <u>+</u> . ©
Distance Descentes		

## Sharing content from Apple product to the Collaboration Box

### What is Airplay?

Airplay is a proprietary protocol developed by Apple Inc. that allows wireless display on Airplay-enabled devices.

#### How to use AVer Screen Share app via Airplay?

- 1. Enable netw ork connection (Ethernet or WIFI)
- 2. Open the screen sharing app ().
- 3. If connected via Wi-Fi, please check that the netw ork name displayed on your screen share main page is the same as the netw ork your device is connected to.
- 4. Use built-in screen mirroring function in your device to search Panel Name.

[Note] Each collaboration box has different Panel Name. You can find it in Screen Share main page.

### To share your iOS device's screen (i.e. iPhone or iPad) to the panel

1. Sw ipe up from the bottom of your screen to open Control Center.



2. In Control Center, tap Screen Mirroring, then select your Panel Name from the list.



- 3. Don't see your panel name? Try connecting your iOS device to the same Wi-Fi netw ork as the panel you w ant to Airplay to.
- 4. To turn off Airplay Mirroring, swipe up from the bottom of your screen to open Control Center. In Control Center, tap your panel name and stop mirroring.



### To share your Mac computer's desktop to the panel

1. Click on the Airplay icon on the right side of your Mac's menu bar., then select your collaboration box name from the list.



 To turn off Airplay Mirroring, click on Airplay icon on the right side of your Mac's menu bar, click on Turn Airplay: Off or Airplay: Off.



- 3. If you don't see your panel name in the Airplay menu, please check your firewall settings :
  - a. Choose Apple menu -> System Preferences, then click Security & Privacy.
  - b. Click the lock icon, and then enter an administrator name and password.
  - c. From the Firew all tab, click Firew all Options.
  - d. Make sure that "Block all incoming connections" is not selected, and "Automatically allow signed software to receive incoming connections" is selected.

		Case Drock			
••		Security	& Privacy	Q, Search	
		General FileVault	Firewall Priv	vacy	
	• Firewall: On			Turn Off Firewall	
		on and set up to prever ng incoming connection		plications, programs, and	
				Firewall Options	
					2
					2
-	Click the lock to preve	ent further changes.		Advanced	?

## Troubleshooting

Issue	Solution
Optimal performance	<ul> <li>Make sure your collaboration box and Airplay device are connected to the same w ireless network name (SSID)</li> <li>Make sure your collaboration box and Airplay device are connected to a Wi-Fi netw ork with APisolation disabled.</li> <li>AP isolation: Your Wi-Fi network configuration could prevent devices from communicating w ith Airplay. In order to resolve this issue, you will need to disable AP (access point) isolation, also known as client isolation, on your router. Please refer to your router documentation to learn how to disable AP isolation.</li> <li>If you do not have access to your router settings, or if you are attempting to connect through a guest, hotel or public network with AP/client isolation, you will be unable to setup your Airplay.</li> </ul>
Your panel name does not appear in the list of available devices.	<ul> <li>Make sure your computer is on the same netw ork as the collaboration box.</li> <li>If your collaboration box is using a wired network connection, try connecting it to a wireless network.</li> <li>[Note]</li> <li>Wired and wireless networks don't often share the same network subnet. Connecting the panel to a wireless network might help the connection between the panel and a mobile device or computer that's connected wirelessly.</li> <li>Refer to Screen Share Network Requirements document for more details.</li> <li>http://averusa.com/classroom-technology/downloads/AVer-IFP-Screen-Share-Network-Requirements.pdf</li> </ul>
The video and audio are out of sync.	<ul> <li>If your network is slow or congested, Screen Share is affected. Contact your administrator to check netw ork bandwidth.</li> <li>Not all devices are designed for video encoding for Screen Sharing, so video streaming might not behave as expected.</li> <li>Sharing videos or playing video games with frequent screen updates requires more network bandwidth. Try reducing the video quality to improve performance.</li> </ul>
Stuttering or poor quality	<ul> <li>Your collaboration box and device should be within ~15 feet (4 meters) of each other.</li> <li>Make sure both your collaboration box and device are connected to the same Wi-Fi netw ork channel, either 2.4GHz or 5GHz.</li> </ul>

## Supported Apple devices and operating systems

- 1. Operation systems
  - iOS 10 or later
  - OS X 10.11 (El Capitan) or later
- 2. Apple devices
  - iPhone 4S or later
  - iPad Air or later
  - MacBook 12-inch or later
  - MacBook Pro 13-inch or later

## Sharing content from Chrome solution to the collaboration box

## What is Chromecast?

Chromecast is Google cast, it is a proprietary protocol developed by Google that allow s w ireless display on Chromecast-enabled devices.

## How to use AVer Screen Share app?

- 1. Enable netw ork connection (Ethernet or WIFI)
- 2. Open the screen sharing app (
- 3. If connected via Wi-Fi, please check that the netw ork name displayed on your screen share main page is the same as the netw ork your device is connected to.
- 4. Use built-in screen mirroring function in your device to search Panel Name.

[Note] Each collaboration box has different Panel Name. You can find it in Screen Share main page.

- 5. You can use the Chrome brow ser and Google Cast (a brow ser extension for Chrome) to share the desktop or a specific brow ser tab from your computer.
- 6. There are two ways to share your content via Chromecast:
  - Use Chrome brow ser
  - Use built-in screen casting on your Chromebook

## To download Chrome browser for your device

- 1. On your computer, go to google.com/chrome.
- 2. Click **Dow nload** > for personal computers > Dow nload latest Chrome brow ser.
- 3. Follow the on-screen instructions.

## To share content from the Chrome browser to the panel

- 1. In Chrome bow sersetting menu, click <u>Casting</u>, then select <u>Panel Name</u> from the list that you can connect the panel with desktop mode.
- 2. You can select tab or desktop mode.

#### To share content from the Chrome book to the panel

1. In menu, click Cast devices available, and then select your Panel Name from the list.

[Note] Cast to Desktop is recommended to share your screen.

and a						
	6	Albee Tsai albeetsai930@gmail.com	Sign out	÷	2	Cast screen
		US keyboard	Þ		3	AVerBoard_c198bf
1. 2 A	Ť	Accessibility	¥.			
	$\widehat{\Psi_{\!_{B}}}$	Connected to dlink-868_5G	×			
	*	Bluetooth enabled	¥			
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2. In menu, click Stop for disconnecting.



## Troubleshooting

Issue	Solution
Optimal performance	<ul> <li>Make sure your panel and Chrome device are connected to the same wireless network name (SSID)</li> <li>Make sure your panel and Chrome device are connected to a Wi-Fi network with APisolation disabled.</li> <li>AP isolation: Your Wi-Fi network configuration could prevent devices from communicating with Chromecast. In order to resolve this issue, you will need to disable AP (access point) isolation, also know n as client isolation, on your router. Please refer to your router documentation to learn how to disable AP isolation.</li> <li>If you do not have access to your router settings, or if you are attempting to connect through a guest, hotel or public network with AP/client isolation, you will be unable to setup your Chromecast.</li> </ul>
Your panel name does not appear in the list of available devices.	<ul> <li>Make sure your computer is on the same network as the panel.</li> <li>If your panel is using a wired network connection, try connecting it to a wireless network.</li> <li>[Note] Wired and wireless networks don't often share the same network subnet. Connecting the panel to a wireless network might help the connection between the panel and a mobile device or computer that's connected wirelessly.</li> <li>Refer to Screen Share Network Requirements document for more details.</li> <li>http://averusa.com/classroom-technology/downloads/AVer-IFP-S creen-Share-Network-Requirements.pdf</li> </ul>
The video and audio are out of sync.	<ul> <li>If your network is slow or congested, Screen Share is affected. Contact your administrator.</li> <li>Not all devices are designed for video encoding for Screen Sharing, so video streaming might not behave as expected.</li> <li>Sharing videos or playing video games with frequent screen updates requires more network bandwidth. Try reducing the video quality to improve performance.</li> <li>Screen Share has not been optimized for performance with Chromebooks. For best results, limit usage to static content.</li> </ul>
Stuttering or poor quality	<ul> <li>Your panel and device should be within ~15 feet (4 meters) of each other.</li> <li>Make sure both your panel and device are connected to the same Wi-Fi netw ork channel, either 2.4GHz or 5GHz.</li> </ul>

## Supported Chromebook devices and operating systems

- 1. Operating system
  - Chrome OS 59 or later
- 2. Chromebook devices
  - Acer Chromebook C11 C740-C4PE
  - Dell Chromebook11 P22T001
  - HP Chromebook 14 -ak010nr
  - HP Chromebook 14 G4

## Sharing content from Windows computer to the panel

## What is Miracast?

Miracast is a wireless display standard included in Windows 8.1, windows 10, Android 4.2 and new er versions of these operating systems.

It is the Wi-Fi Direct standard, which allows for point-to-point connection between devices without the use of router.

## How to use AVer Screen Share app via Miracast?

- 1. Open the screen sharing app())
- 2. Please make sure your panel and sharing device are in the same netw ork.
- 3. Use built-in screen mirroring function to search the Panel Name.

[Note] Each collaboration box has different Panel Name. You can find it in Screen Share main page.

4. If your computer is running Windows 10 or Windows 8.1 operating system, you can use the built-in Miracast protocol to share your screen.

For earlier versions of Windows OS, you can use the Chrome brow ser to share content from your Window s device through the Chromecast protocol. Please see Chrome solution.

[Note] Please ensure that any firewalls on your device are configured to allow for Miracast connections.

## To share content from the Windows 8.1/10 OS (Action center)

- 1. Go to the action center or Tap Windows key + A that you can connect the panel with desktop mode
- 2. Click "Project" button then select an option:
  - ✓ PC screen only: No content is shared to the panel.
  - ✓ **Duplicate:** The same content appears on both screens.
  - ✓ Extend: The computer's desktop is extended across the computer and panel's screen. You can move items betw een the two screens.
  - ✓ Second screen only: Content is shared to the panel. The computer's screen is blank.
- 3. Click "Connect to a wireless display" and Window s will start search the Miracast devices around you.
- 4. Click "disconnect" to stop the device and panel's sharing.

#### To share content from the Windows 8.1/10 OS(Windows settings)

1. Go to Windows settings and click devices to add Bluetooth or other device that you can connect the panel with desktop mode.



2. Click Wireless display or dock and Windows will start search the Miracast devices around you.

٢	Home	Add	Add	a device	×
Fi	nd a setting $ ho$	+ ^		ld a device lose the kind of device you want to add.	
Dev	ices Add Bluetooth or other device	Available	*	Bluetooth Mice, keyboards, pens, or other kinds of Bluetooth devices	
ц,	Printers & scanners	Bluetooti	₽	Wireless display or dock Wireless monitors, TVs, or PCs that use Miracast, or wireless docks	<b>1</b>
U	Mouse	Audio			
	Touchpad	BI Pa	ł	Everything else DLNA, DIAL, POS, and more	_

3. Click "disconnect" to stop the device and panel's sharing.

## Troubleshooting

Issue	Solution
My Window s OS is not 8.1 or 10 and I have no built-in Miracast on my Window s device.	<ul> <li>Alternative solution is to download and install Chrome browser onto your Windows device.</li> <li>Dow nload the Chrome browserfrom google.com/chrome and install on your device.</li> <li>Navigate to the Chrome Settings menu in the Chrome toolbar in the upper right corner of your browser-&gt; click "Cast"</li> <li>Click Cast desktop.</li> <li>Choose the panel name you w ant to cast to.</li> </ul>
Optimal performance	<ul> <li>Make sure your panel and Windows device are connected to the same wireless network name (SSID)</li> <li>Make sure your panel and Windows device are connected to a Wi-Fi netw ork with APisolation disabled.</li> <li>AP isolation: Your Wi-Fi network configuration could prevent devices from communicating with Miracast. In order to resolve this issue, you will need to disable AP (access point) isolation, also known as client isolation, on your router. Please refer to your router documentation to learn how to disable APisolation.</li> <li>If you do not have access to your router settings, or if you are attempting to connect through a guest, hotel or public network with AP/client isolation, you will be unable to setup your Miracast.</li> </ul>
Your panel name doesn't appear in the list of available devices.	<ul> <li>Make sure your computer is on the same netw ork as the panel.</li> <li>If your panel is using a wired network connection, try connecting it to a wireless network.</li> <li>[Note] Wired and wireless networks don't often share the same network subnet. Connecting the panel to a wireless network might help the connection between the panel and a mobile device or computer that's connected wirelessly.</li> <li>Refer to Screen Share Netw ork Requirements documentation for details. http://averusa.com/classrcom-technology/downloads/AVer-IFP-Screen-S hare-Netw ork-Requirements.pdf</li> </ul>
When using Miracast, vou can't add or connect to the panel.	<ul> <li>If you can't add the panel, wait for it to become ready and then try again. If that doesn't work, try restarting your computer and display.</li> <li>If your Windows computer won't connect to the panel, try removing and then restart app to reconnect again.</li> </ul>

Issue	Solution
The video and audio are out of sync.	<ul> <li>If your network is slow or congested, Screen Share is affected. Contact your administrator.</li> <li>Not all devices are designed for video encoding for Screen Sharing, so video streaming might not behave as expected.</li> <li>Sharing videos or playing video games with frequent screen updates requires more network bandwidth. Try reducing the video quality to improve performance.</li> <li>Screen Share has not been optimized for performance with Windows device. For best results, limit usage to static content.</li> </ul>
Stuttering or poor quality	<ul> <li>Your panel and device should be within ~15 feet (4 meters) of each other.</li> <li>Make sure both your panel and device are connected to the same Wi-Fi netw ork channel, either 2.4GHz or 5GHz.</li> </ul>

### Supported Miracast devices and operating systems

- 1. Operating system.
  - Window s OS 8 / 10
- 2. Miracast devices.
  - Dell Inspiron 14 5000
  - HP ProBook 430G2
  - ASUS-PU401LAC
  - Microsoft-Surface Pro 3
  - Microsoft-Surface Pro 4
  - Acer Aspire Z3-615 (AIO)
  - HP Probook 440
  - Dell-Inspirson 3459
  - MSI GS63VR

## Sharing content from Android device to the panel

#### What is Miracast?

Miracast is a wireless display standard included in Windows 8.1, windows 10, Android 4.2 and new er versions of these operating systems. It is the Wi-Fi Direct standard, which allows for point-to-point connection between devices without the use of router.

#### How to use AVer Screen Share app via Miracast or Chromecast?

- 1. Enable netw ork connection (Ethernet or Wi-Fi)
- Open the screen sharing app ().
- 3. If connected via Wi-Fi, please check that the netw ork name displayed on your screen share main page is the same as the netw ork your device is connected to.
- 4. Use built-in screen mirroring function to search the Panel Name.

[Note] Each collaboration box has different Panel Name. You can find it in Screen Share main page.

#### To share your Android device's screen to the panel

1. In settings, tap PlayTo, then select Panel name from the list.

Settings WIRELESS & NETWORKS	
🔊 Wi-Fi 🛛 🔊	Wireless & networks
8 Bluetooth ON	Aeroplane mode
🙆 Data usage	Tethering & portable hotspot
🚭 More	VPN
DEVICE	VEN
Sound	Digital Media Server Share media with other device(s)
🧿 Display	PlayTo Select device
() Storage	Connect to wireless player Mirror screen
ap " <b>disconnect</b> " to stop sharing.	Play video only on reternal display  AverBoard_c198bf

DESKTOP-238AIVF DESKTOP-BT7A934

#### To share your Android device's screen on the panel from the notification shade

- 1. On your Android device, swipe down to open the notification shade.
- 2. Look for Screen Mirroring or Smart View or Casticon, Tap your selection.
- 3. Select your panel name.

If you don't see the board you want, tap MORE SETTINGS to show more panels.

4. Tap "disconnect" to stop sharing.

## Troubleshooting

Issue	Solution
How do I know my device supports Miracast or Chromecast?	<ul> <li>Android supported Miracast in Android 4.2 (KitKat) and Android 5 (Lollipop).</li> <li>Google dropped native Miracast support in Android 6 (marshmallow) and later.</li> <li>If you want to mirror the display from a new er Android phone or tablet, you will need to do so via Chromecast. See <u>Trouble mirroring your</u> <u>Android screen with built-in screen mirroring function?</u> in bebw section.</li> </ul>
Optimal performance	<ul> <li>Make sure your panel and Android device are connected to the same wireless network name (SSID)</li> <li>Make sure your panel and Android device are connected to a Wi-Fi network with APisolation disabled.</li> <li>AP isolation: Your Wi-Fi network configuration could prevent devices from communicating with Chromecast/Miracast. In order to resolve this issue, you will need to disable AP (access point) isolation, also know n as client isolation, on your router. Please refer to your router documentation to learn how to disable AP isolation.</li> <li>If you do not have access to your router settings, or if you are attempting to connect through a guest, hotel or public network with AP/client isolation, you will be unable to setup your Chromecast/Miracast.</li> </ul>
Your panel name does not appear in the list of available devices.	<ul> <li>Make sure your computer is on the same netw ork as the panel.</li> <li>If your panel is using a wired network connection, try connecting it to a wireless network.</li> <li>[Note]Wired and wireless networks don't often share the same network subnet. Connecting the panel to a wireless network might help the connection between the panel and a mobile device or computer that's connected wirelessly.</li> <li>Refer to Screen Share Netw ork Requirements document for details. http://averusa.com/classroom-technology/downloads/AVer-IFP-Screen -Share-Netw ork-Requirements.pdf</li> </ul>

Issue	Solution
Trouble mirroring your Android screen with built-in screen mirroring function?	<ul> <li>All devices running Android 4.4.2 or higher support the Cast Screen feature. How ever, some Android devices may not have the necessary pow er to provide an optimized Screen casting experience.</li> <li>In order to mirror the screen of your Android phone or tablet, you will need a device running Android 4.4.2 and above as well as <u>Chromecast-compatible device</u>.</li> <li>Alternative solution is to download and install Google Home app on your Android device.</li> <li>Dow nload the Google Home app  <ul> <li>from Google Play Store.</li> </ul> </li> <li>On your Android device, open the Google Home app.</li> <li>In the top left corner, tap the navigation draw er .</li> <li>Select your Panel Name.</li> </ul>
The video and audio are out of sync.	<ul> <li>[Note] Not all mobile devices have been optimized for screen casting.</li> <li>If your network is slow or congested, Screen Share is affected. Contact your administrator.</li> <li>Not all devices are designed for video encoding for Screen Sharing, so video streaming might not behave as expected.</li> <li>Sharing videos or playing video games with frequent screen updates requires more network bandwidth. Try reducing the video quality to improve performance.</li> </ul>
Stuttering or poor quality	<ul> <li>Your panel and device should be within ~15 feet (4 meters) of each other.</li> <li>Make sure both your panel and device are connected to the same Wi-Fi netw ork channel, either 2.4GHz or 5GHz.</li> </ul>

## Supported Android devices and operating systems

- 1. Operating systems
  - Android 5.0.2 or later
- 2. Android devices
  - Asus P022 (Android Pad)
  - HTC Butterfly 2 (Smart Phone)
- 3. Asus ZE552KL (Smart Phone)

# **Grouping and Draw Function**

The grouping and draw lots function help the user to do group work, competitions and draw lots to do the question answ er.

## Draw Lots

1. Click on to expand app list and select "Grouping & Draw".



- 2. Tap "Draw Lots".
- 3. Enter the Range (1~100), ex: 20~90.



4. Next, enter the number that wants to exclude. If there is no number wanted to exclude, just leave it. Tap "X" can remove the number from exclude list.



5. Tap "**Next**" to set the how many people are drawn. Tap "+" to add up the number and "-"to decrease the number of people.



6. Tap "DRAW" to draw. The result will displayit. Tap "RE-DRAW" can draw again.



## Grouging

1. Click on to expand app list and select "Grouping & Draw".



- 2. Tap "Grouping".
- 3. Enter the Range (1~100), ex: 1~60.



4. Next, enter the number wants to exclude. If there is no number wanted to exclude, just leave it. Tap "X" can remove the number from exclude list.



5. Tap "**Next**" to set the how many groups to divide. Tap "+" to add up the number and "-"to decrease the number of group. Tw o groups are at least.



6. Tap "GROUPING" to grouping. The result will display it. Tap "REGROUP" can grouping again. The number in color means group leader and the group leader can be re-assigned; just tap the number you w ant.

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		Select nun						×
		Gro	up 1	Gro	up 2	Gro	up 3	1
<b>2</b>	How many	27	23	03	30	45	21	
DRAW LOTS	groups?	49	12	39	36	60	50	
		33	53	08	13	05	51	
>	<b>H</b>	29	17	47	20	43	24	<
	- 4	38	54	14	34	25	59	
		01	32	37	19	10	52	•
*		15	31	35	44	58	46	
GROUP ING	REGROUP	42		28				
	🚱 1-60 (Total : 58)	Gro	up 4					
			~ 4					
## Gallery

In gallery, use screenshots, pictures, and share screenshots/pictures to specific location. Select "Gallery" from app lists at main screen.



#### View images

To view the images, select the image or select the folder and select the image to view.

SAT-Mathematics	s <mark>, students!</mark> ♥ ⊡ Merrines ♥ Notari all'agni dell'englise lose lagni all'e sette intre any angles	
	App lock	
	Verpanent Latternerpanent S becils mit	
20 1005 2000 2005 2010	Valda gameerite valde ***	
SAT-Mathematics		2
	a I	
20 1005 3000 2005 2010 № 901F05F8 10	System Volume Information	

### **Using Browser**

User can operate the brow ser same as on PC. Select the "Chromium" to launch the brow ser app.



# Connect to DoCam

The AVer CB-310 system can connect to DocCam device through the Sphere2 to use the class interactive function in Sphere2.

- 1. Select **Sphere2** from app list at main screen.
- 2. Please make sure the DocCam and the AVer CB-310 system are at same local netw ork. The Sphere2 will auto search the available DocCam on your local netw ork and list on screen.
- 3. Select the DocCam device that w ants to connect.
- 4. Enter the "Password" of DocCam and select OK to confirm.
- 5. And, select "Start" to connect.

Device	P		<b>AV</b> er
WIFI Camera			
AVerVision F50-8 192.168.0.101	:M"	*	
AVerVision F70W	r		
(Offline)			
		-	Start
			Camera Name: AVerVision F50-8M*
			SSID: VD-2F-1-5G
			Firmware Version: 3.2.0018.19
C/ EC 88		B	

6. How to use Sphere2 application; please refer to user manual of Sphere2.

# **Internet Connection**

There are two ways to access the internet - Ethernet and WiFi connection.

#### **Ethernet Connection**

Using Ethernet cable connects AVer CB-310 to your local netw ork.

[Note] Turn off the WiFi function if WiFi connection has connected.



Select Settings > More > Ethernet.

Settings		×		÷	×
	GENERAL	IDGETS		Wireless & networks	
G	Change wallpaper Personalize your screen	:		Tethering & portable hotspot	
Wireles	s & networks			VPN	
•	Network Disabled		Ν	Network settings reset	
	Bluetooth			Ethernet	
*	Disabled		V	Wake on Lan	
	More				
Device					
۰	Display Optimize display via settings				

#### **Wi-Fi Connection**

Connect AVer CB-310 to internet through the W-iFi AP.

1. Select the "Settings" icon to bring out the Settings page.



2. In Settings page, select "Network".



3. Set Wi-Fi to "On".



4. Select available Wi-Fi netw orks to connect.

÷				×
Netwo	brk		۵	:
	On	•		
₹.	dd-wrt			
-	dlinkkkkkk			
₹.	AVer_2.4G			
-	AVer_5G			
•	AVI-Guest			
-	AVI-Staff			
+	Add network			

# Adjust Date and Time

- 1. Select the "Settings" icon to bring out the Settings page.
- [Note] The internet connection is required for auto date and time adjustment.



2. In Settings page, select "Date & Time".



#### 3. You can select "date", "Time", "time zone" and "time format" to setup.

÷	×
Date & time	
Automatic date & time Use network-provided time	•
Set date August 1, 2019	
Set time 11:46 AM	
Select time zone GMT+08:00 Taipei Standard Time	
Use 24-hour format 1:00 PM	

## **Power Saving**

The AVer CB-310 provides tw o(2) type of power saving modes - Screen saver and Auto Backlight off.

#### **Screen Saver**

Enable AVer CB-310 to screen protect mode after AVer CB-310 system is idle in certain time.

1. Select Settings > Display > Screen Saver.



 Enable the Screen Saver and select the screen saver display type – Clock, Colors, Photo Frame, or Photo Table.

÷	×	÷	×
Screen saver	:	Screen saver	:
Off 🛛 🔎		On	•
		Clock	۲
		Colors	0
To control what happens when the device is idle, turn screen saver on.	n.	Photo Frame	0∥ ☎
		Photo Table	O∥ <b>≎</b>

### **Energy Saver**

The AVer CB-310 will turn the backlight off after certain idle time that user has set. While backlight is off, the apps and video outputs will be stop operating.





2. Enable the Screen Saver

3. Select the "Energy Saving Options" to set the energy saver start time.



## Screen Lock

Protect screen by password.

1. Select Settings > Security > Screen lock.

Settings		×		
	GENERAL WIDGETS		Security	
Persor	tal		Device security	
۰	Location OFF		Screen lock None	
â	Security		Encryption	
8	Accounts		App Lock	
			Passwords	
G	Google		Make passwords visible	
•	Languages & input English (United States)		Device administration	
9	Factory Reset		Device administrators View or deactivate device administrators	

2. Select "Password" option to set password protection.

÷	×
Choose screen lock	
None Current screen lock	
Password	

3. Enter the "New Passw ord" and re-enter the passw ord to confirm.



4. Screen lock has two modes – Automatically Lock and Pow er button instantly lock. User can set the time period for automatically lock.

¢ ×	
Settings	Automatically lock
Automatically lock	O Immediately
5 seconds after device idle	S seconds
Power button instantly locks	O 15 seconds
	O 30 seconds
	O 1 minute
	O 2 minutes
	O 5 minutes
	O 10 minutes
	O 30 minutes
	CANCEL

 To disable screen lock, tap Settings > Security > Screen Lock and enter the password user has set. Then, select "None" to disable the screen lock.

## App Lock

Protect the app with password.

1. Select Settings > Security > App Lock.



2. Enter the password that user wants to set.

÷	×
Security	
App lock	
Please input the initial password	
Show password	
CANCEL	YES
App Lock	
Passwords	
Make passwords visible	
Device administration	
Device administrators View or deactivate device administrators	
view or deactivate device administrators	

3. Select the apps that w ant to be protected by password.

÷		×	÷		×
Securi	у		Securit	у	
	OfficeSuite		•	OfficeSuite	
0	Chromium		0	Chromium	
=	Calendar		<b>*</b>	Calendar	
<b>R</b>	Grouping & Draw		<b>R</b>	Grouping & Draw	•
	Google Play Store			Google Play Store	
	ES File Explorer			ES File Explorer	•
	Callon	-		Callant	-

4. When user select the app has been locked, a password is required.

0			🗱 🕕 🐨 11:21 PM
Welcome to cla	ss, students!	Natepad	× ×
11:21 PM Wednesday, Feb 19	You can add class information here. Tap hold to edit or hide any widgets.		
0			
	ES File Explo	orer	
3			
	Please enter password		
	CANCEL	YES	
381		5, - 0	424
3205			PP C
223			

5. To un-lock the locked app, tap **Settings > Security > App Lock > Enter** password > un-selected the app.

 Change App Lock password. Tap Settings > Security > App Lock > Change password. Enter the old password, then, enter the new password and re-enter new password to confirm. Tap "YES" to change the password.

← Consumitor	×		App lock	
App lock			Old password	
Please enter password			New password	
Change password	r Here	_/	Confirm new password	
CANCEL YI App Lock	es .	7		
Passwords			CANCEL	YES
Make passwords visible			Make passwords visible	
Device administration			Device administration	
Device administrators View or deactivate device administrators			Device administrators View or deactivate device administrators	

## **Blue Light Filter**

Reduce the contrast for eyes relief.

Select **Settings > Display >** Enable the "**Blue Light Filter**". Move the dot to adjust blue light filter range.

€ ×	÷ :
Display	Blue Light Filter
Wallpaper	Blue Light Filter
Minimized app menu	Blue Light Filter Range
Blue Light Filter Reduce contrast and can relieve your eyes strain	
Saver	
Screen saver Off	
Energy Saver Off - Turn off video output and backlight after idle	
Auto Shutdown After 4 hours of inactivity	

### **Volume Adjustment**

Press A and A on AVer CB-310 panel can adjust system volume. Or wipe-down the notice column and expand it. Then, move the volume adjust bar to adjust volume.



## Wallpaper

Change the wallpaper.

1. Click and hold on the screen until the "Wallpaper" option is show n.



2. Select the "**Wallpaper**" and select the w allpaper in system default. Or select "**My Photos**" to select other picture to be the w allpaper.



### System Update

Settings		÷	×
	GENERAL WIDGETS	Status	
•	Languages & input English (United States)	OPS firmware version 3.1.3007.0	
٥	Factory Reset	System Update	
System		Take bug report	
0	Date & time GMT-08:00 Pacific Standard Time	Status Status of network, and other information	
Ť	Accessibility	Legal information	
•	Printing 0 print jobs	Company website	
()	About Android 7.1.2	Model AVer CB-310	

Select Settings > About > System update and system update will start.

The system update takes time; we recommend doing the system update when the machine is not in use.

If there is no update, select "Close" to finish.

÷	×
Status	
Your system is up to date	
-	
	CLOSE
Status Status of network, and other information	
Legal information	
Company website	
Model AVer CB-310	

# **Display Management**

To manage the AVer CB-310 devices on your LAN – manual pow er on/off/reboot AVer CB-310 and scheduling AVer CB-310 for pow er on/off/reboot.

[Note] An Ethernet cable connection is required for AVer CB-310 devices.

Please dow nload the Display Management application from http://www.aver.com/download-center

#### **Minimum Server System Requirements**

- Operating System : Win 7 / Win8 / Win10
- CPU : Intel Core 2 Duo 2.00GHz or later
- RAM : 1 GB of RAM (2 GB recommended)
- **Resolution** : 1024 x 768 or higher resolution display
- Graphic card : DirectX 9.0c compatible video card
- Hard Disk : 500 MB free hard disk space for basic installation

### Login

- 1. Run the AVer Display Management application.
- 2. The login dialog is displayed. Enter the password; for the first time login, the default password is "admin".

Display Management	
Admin	
<b>A</b> 1	
Login	
Forget Password?	

- 3. After entering the password, select "Login" to login.
- 4. Enter the email for sending password if forgot the password in future. Select "Enter" to login.

AVer Display Management	
<u>*</u>	
Confirm Your Email	
Exit	

5. After login, the Display Management UI is displayed.



#### **Change Password**

1. Select "(; ricon.



2. The email and password dialog will show up.

ŝ	AVer Display Manage	ment	X
	Email:	averuec@gmail.com	$\supset$
	Password:	Change Password	
	Data Management:	Backup Restore	
	Language:	System Language	•
		Cancel Save	
		Carter Carte	

3. Select "Change Password". Then, enter the new password and re-enter the new password to confirm.

4. Select "Save" to save the changes.

🖭 AVer Display Manag	ement	×
Email:	averuec@gmail.com	
Password:	Change Password	
New Password:		
Confirm Password:	(	
Data Management:	Backup Restore	
Language:	System Language	•
	Cancel Save	

#### **Change Email**

1. Select "(; ricon.



- 2. The email and password dialog will show up.
- 3. Enter the new Email address. Then, select "Save" to save the changes.

AVer Display Manag	ement	×
Email:	averuec@gmail.com	
Password:	Change Password	
Data Management:	Backup Restore	
Language:	System Language	•
•	Cancel Save	

### Add AVer CB-310 Device

- 1. Select "Settings".
- 2. Click "Add Device".

🖪 AVer Display Management v1.3.	1026.27					<b>—</b>
Device Control	🔅 Setti	ings 🛗 Schedule	Setup 📢	Broadcast	0	<b>AV</b> er
Devices	User Accour	nts				
Add Group	Q Search	Ţ		Add Device		port List
All	Device Name	Model Name	Mac Address	FW Version	IP Info. Edi	t Remove
		Add devices Click "Add Device" to start		¢	•	

3. In Add Device dialog, you can choose "IP Address Search", "Auto Detection", or "Mac Address Search" to find the AVer CB-310 on your LAN netw ork.

#### [Note]

- a. An Ethernet cable connection is required for AVer CB-310.
- b. The AVer CB-310 and Display Management must be in the same network.

🛃 AVer Display Management 🛛 💦 🔀				
Type:	IP Address Search	•		
IP Address:	192.168.100.100			
Device Name:	(			
Group:	None	•		
Can	cel Save			

- 4. The search result will be listed. Select the AVer CB-310 and enter "Device Name" and select the "Group" if there are groups for selecting.
- 5. Select "Save" to add.

۲	AVer Di	isplay Management			×
		IP Address	Mac Address	Device Name	Group
		10.100.93.30	42:12:4b:1c:62:b9		· ·
	_	_	_		
					Θ
				Cancel Save	

- 6. The added AVer CB-310 will be listed in device list.
  - ✓ ♥ : View AVer CB-310 IP, mask, and gatew ay information.
  - ✓ Selit AVer CB-310 device name.
  - ✓ IIII: Delete AVer CB-310 from device list.

🖪 AVer	Display Management v1.3	3.1026.27						×
:=	Device Control	🔅 Settings	🗰 Schedul	e Setup 📢 I	Broadcast		0	AVer
	Devices	User Accounts						
	Add Group	Q Search	Ţ		Add Device		Impo	
	All	Device Name	Model Name	Mac Address	FW Version	IP Info.	Edit	Remove
		CB-310_TPE				۲		⑪

### Filtering AVer CB-310 Device

To find added AVer CB-310 devices by searching condition or keyw ord.

Select the filter condition – Device Name, Model Name, Mac Address, FW Version or IP info or enter the keyw ord to filter. Then, the filter result will display.

🖪 AVer Display Management v1.:	3.1026.27			×
Device Control	🔅 Settings	Schedule Setup	📢 🛛 Broadcast	<b>6</b> AVer
Devices	User Accounts			
Add Group	CB-310_TPE	Model NA - Constant - Consta		Import List

### Add Group

Create the group and assign AVer CB-310 devices to specific group for managing.

1. Select "Add Group" in Settings screen.

🐮 AVer Display Management v1	1.3.1026.27					_	
Device Control	🔅 Settings	🛗 Schedu	ile Setup 🛛 📢 🕯 I	Broadcast		0	AVer
Devices	User Accounts						
Add Group	Q Search	Ţ		Add Device		Impo	ort List
All	Device Name	Model Name	Mac Address	FW Version	IP Info.	Edit	Remove
	CB-310_TPE				۲		Û

2. Enter the group name in Group dialog and select "Save".

🖭 AVer Di	play Management
Group	
	Cancel

3. The created group will list at left side of Settings screen. Select the group to view the AVer CB-310 devices in the group. When add AVer CB-310 device, you can assign AVer CB-310 device to the group.

🖪 AVer Display Management v1	.3.1026.27					_	×
Device Control	🔅 Settings	🛗 Schedu	ile Setup 📢)	Broadcast		0 A	Ver
Devices	User Accounts						
Add Group	Q Search	Ţ.		Add Device		Import List	
All	Device Name	Model Name	Mac Address	FW Version	IP Info.	Edit Remo	ve
тре 🔅	CB-310_TPE				۲	🗹 🛍	
	-1						

4. Select "()" can edit and delete group. Edit can change the group name.

🖪 AVe	r Display Management v1.3	3.1026.27							×
∷≡	Device Control	🔅 Settings	🛗 Schedu	le Setup 📢 🛛 f	Broadcast		0	<b>AV</b> e	r
	Devices	User Accounts							
	Add Group	Q Search	Ţ		Add Device		Impo	ort List	
	All	Device Name	Model Name	Mac Address	FW Version	IP Info.	Edit	Remove	
	TPE 👸	CB-310_TPE				۲	Ø	⑪	
	Rena Delet								

### Power On, OFF, and Reboot AVer CB-310 Device

In Device Control screen, display the AVer CB-310 devices that have added into Display management app. You can manually power on, power off, and reboot the AVer CB-310 devices that list in Connected List screen.

#### [Note]

- a. An Ethernet cable connection is required for AVer CB-310 devices.
- b. The AVer CB-310 devices and Display Management must be in the same netw ork.
- c. The Display Management app must be running in order to control the AVer CB-310 devices on/off/reboot.
- d. UDP port 9 of Wake On LAN cannot be blocked.



- 1. Select "Device Control".
- Select the AVer CB-310 devices from screen list or select "Select All". The selected AVer CB-310 device will be marked. Then, select "Power on", "Power Off", or "Reboot" button to execute.

[Note]

- a. After selecting AVer CB-310 device, the pow er on, pow er off and reboot button will be enabled.
- b. The AVer CB-310 devices display order can be change by select A-Z order or group (drop-down list).



### Scheduling

Set the specific day and time to pow er on, pow er off, and reboot the selected AVer CB-310 devices. The schedule will execute until you disable the schedule.

#### [Note]

a. An Ethernet cable connection is required for AVer CB-310 devices.

b. The AVer CB-310 devices and Display Management must be in the same netw ork.

c. The Display Management app must be running in order to control the AVer CB-310 devices on/off/reboot.

- 1. Select "Schedule Setup".
- 2. Select "Add Schedule" > "Device Control".



3. Select the Day: Every Day, Mon, Tue, Wed, Thu, Fir, Sat, or Sun.

[Note] When select 'Every Day" schedule, Mon to Sun will be all marked. If un-select one of day, then, the "Every Day" schedule is invalid.

- 4. Select the action: On Time, Reboot Time, or Off Time. Then, set the time (HR:MIN) for action.
- 5. Select Device:
  - ✓ All : Select all AVer CB-310 devices.
  - ✓ **Group:** Select AVer CB-310 devices by group.
  - ✓ Select Device: Select AVer CB-310 device one by one from AVer CB-310 device list.

[Note] Use filter function to find the AVer CB-310 devices if you know AVer CB-310 device's name or group.

6. Select "Save" to save the schedule.

🖭 AVer Display Man	agement							
Device Contro	I Schedule							
Repeat:	Every Day	Mon Tue	Wed	🔲 Thu	🗌 Fri	Sat	Sun	
🗌 On Time	HR 00 \$: 00 \$	Reboot Time	HR 00 🗘 : (	MIN 00 \$	Off Time		€ : 00 €	
	⊖ Group	Select Dev	vice					
Filter		Device Name	• •					
Device	Name	IP Address			Mac Address			
CB-310	_TPE	10.100.93.30			42:12:4b:1c:62:b9			
					Back		Save	

7. From Enable drop-downlist, select "Disable" can stop schedule to run.

AVer Display Managemen	t v1.3.1026.27						
Device Control	٢	Settings	🛗 Sche	edule Setup	📢 Broadcast	G	<b>AV</b> er
Device Control		Q Search		ŪĮ		Add Sch	edule
Repeat	On Time	Reboot Time	Off Time	Device	Group	Enable	
Sat. Sun.	09.00			CB-310_TPE		Enable Enable Disable	

8. Select "an modify and edit schedule's setting.

2	AVer Display Managemen	t v1.3.1026.27						<b>×</b>
:	Device Control	٢	Settings	🛗 Sche	dule Setup	📢 ) Broadcast	0	<b>AV</b> er
	Device Control		Q Search		JĮ		Add Sch	edule
	Repeat	On Time	Reboot Time	Off Time	Device	Group	Enable	
	Sat. Sun.	09:00			CB-310_TPE		Enable -	***
								Edit

### **Firmware Update**

Update the AVer CB-310 firm ware by scheduling or update now.

#### Scheduling the Firmware Update

Set a schedule to update the selected AVer CB-310 devices.

1. Select "Schedule Setup" > "Add Schedule".


2. Select "Firmware Update". The firmware update dialog is displayed.



3. Select the AVer CB-310 device and set the date and time for firmware update.

2	Ver Dis	play Manage	ment												×
	Firmw	are Update	e Schedule	New Versi	ion : AVer CB-310	(3.1.3015.0)									
								Ė	Sch	edule	_	S	Updat	te Now	
	⊻	Power+	Device +	Model	Group+	Version +									
	⊻					3.1.3013.0	ſ	Start [	Date						1
								4	_	2	月, 202	20		Þ	
								Sun	Mon	Tue	Wed	Thu	Fri	Sat	
								26	27	28	29	30	31	1	
								2	3	4	5	6	7	8	
								9	10	11	12	13	14	15	
								16	17	18	19	20	21	22	
								23	24	25	26	27	28	29	
								1	2	3	4	5	6	7	
									=W Upo	late	0	<b>) :</b>	00		
	1 devic	e in total ne	ed to be updat	ed				В	ack			Add A	Sched	lule	

[Note] To find the AVer CB-310 device, use filter condition or enter keyword to find.

🖪 AVer Display Management			<b>X</b>
Firmware Update Schedule	New Version : AVer CB-3	110(3.1.3015.0)	
By Device By Device By Group Ce Co Cro	C Search Model Group Aver CB-310	ु Version 3.1.3013.0	
AVer Display Management			
Firmware Update Schedule	New Version : AVer CB-3	10(3.1.3015.0)	
By Device -	Q Search	Ţ	
Power + Device +	Model + Group +	Version Filter:	
CB-310	AVer CE -310	3.1.3013  Model Group FW Version	
		Apply	

4. Select "Add Schedule". The firm ware update schedule will be added to the list.

🖪 AV	er Display Manag	jement v1.3.1	.026.27		C Firmware Up	date Available			×
∷≡	Device Co	ontrol	٢	Settings		dule Setup	📢 Broadcast	6	<b>AV</b> er
				<u> </u>					
	Firmware Upda	te		Q Search		ĴĴ			chedule
	Date	Time	Device		Group		Status	Enable	
	2020-02-26			_TPE			Not Started	Enable -	

5. To disable the firmware update schedule, select "Disable" from drop-list.

AVer Display Mana	-	.1026.27	C Firmware Update Available	📢 ) Broadcast	0 AVer
Firmware Upd	ate	Q Search	Ţ		Add Schedule
Date	Time	Device	Group	Status	Enable
2020-02-26		CB-310_TPE		Not Started	Enable • ···

6. Select can delete, edit and view report.

🖪 AV	er Display Manag	gement v1.3.	1026.27						<b>•••</b>
∷≡	Device Co	ontrol	٢	Settings	C Firmware Update Ava		Broadcast	0	<b>AV</b> er
C	Firmware Upda	te	_	Q Search	Y			Add S	chedule
	Date	Time	Device	_	Group	_	Status	Enable	
	2020-02-26			_TPE			Not Started	Enable -	•••
									Edit
									Delete
									Report

#### **Update Firmware Now**

When Display management has detected new firm ware available, user can update AVer CB-310 device firm ware immediately.

When a new firm ware is available, Display Management will show the notice on screen to inform user.



Select "Setup Update" or select "Schedule Setup" > "Add Schedule" > "Firmware Update" > "Update Now".

The update screen will display.

🖪 AVer Display Management v1.3.10	26.27			<b>•••</b>
Device Control	🔅 Settings	C Firmware Update Available	📢 Broadcast	0 AVer
Select All				Ağ <u>(All</u> )
Update Available for AVer (	CB-310			
A newer version of the firmware	s available for devices,	please update to the lastest firmw	are.	
Skip This Version	Remind M	e Later Setup Upda	ate N Po	wer OFF Reboot
AVer Display Management Firmware Update Sched	ule New <sup>1</sup>	Version : AVer CB-310(3.1.5015.	0)	<b>**</b>
By Device 🔹	C	) Search	Ŷ	
Power - Device -	∔ Model	Group Version	-	
CB-310		3.1.3013		
1 device in total need to be				

Select the AVer CB-310 device and select "Add Schedule" The update will be progressed. In firm ware update list, user can see all devices' firm ware status – Successfully, Not Start, Failed, and Updating.

P AVer Display Management			<b>×</b>
Firmware Update Schedule New Ver	sion : AVer CB-310(3.1.3015.0)		
1 device selected		🛗 Schedule 🛛 🕄	Update Now
Power - Device + Model -	Group Version		
CB-310 AVer CB-310	3.1.3013.0	Start Date	
		◀ 2月, 2020	•
		Sun Mon Tue Wed Thu	Fri Sat
		26 27 28 29 30 2 3 4 5 6	31 1 7 8
		9 10 11 12 13	14 15
		16 17 18 19 20	21 22
		23 24 25 26 27	28 29
		1 2 3 4 5	6 7
		FW Update 00 ‡):	
1 device in total need to be updated			
		Back Add A	Schedule
	L		
AVer Display Management v1.3.1026.27	C Firmware Update Available		
E Device Control 🔅 Settings		) Broadcast	<b>AV</b> er
		_	
Firmware Update 🔹 🔍 📿 Search	Ţ.		d Schedule
Date Time Device 2020-02-26 21:00 CB-310_TPE	Group	Status Enable Not Started Enable	
2020-02-26 21:00 CB-310_1PE		Not Started Enable	· ···

#### **View Update Report**

User can view the report of firmware update.

1. In Schedule Setup page, select "Firm ware Update" from drop-down list.



3. In report, list all devices' firmw are update status. Select the tap page to view in different status.

AVer Display Manageme	nt				
Report					
All (1) Not Sta	rted (1) Updating (0)	Successfu	lly (0) 🕴 Faile	ed (0) 📿 Se	earch
Device +	Model	Group +	FW Version +	Status +	Update Date +
CB-310_TPE				Not Started	2020-02-26 21:00
1 device in total					

## Broadcast

Set a message or audio message at specific time to broadcast on the specific AVer CB-310 device.

- 1. Select "Broadcast".
- 2. Select "Add Broadcast".



- 3. Setup the follow ing options. After setting, select "Next" to go next step.
  - **Text:** Enter the text message, maximum is 300 characters.
  - **Display Type:** Select the type of broadcast scrolling text, pop w indows, only audio.
  - Audio: Audio selections have "None", "Default 1", "Default 2", "Default 3", and "Upload file".
  - Wake Power-off device to broadcast: To pow er on the AVer CB-310 device for broadcasting w hen device is pow er off.
  - Repeat broadcast: Broadcast will repeat to play in setup time period. The default time period is 30 seconds.

Repeat broad	cast : Duration [	00	mins	30	secs
🛃 AVer Display Management	Edit Content	Select Devices	8 Data	_	
		Select Devices			
T Text	Display Type: Scrolling text	•			
Enter your text					
			C <sup>(II)</sup> Please input your	text! Please input your text! Pleas	e input your texti 🛛 Please
		300	: //		
Audio				- 4	
O None	Upload a file				
Default audio 1			1313		XYL.
Default audio 2					
Default audio 3					
Wake Power-off devic	es up to broadcast				
Repeat broadcast					
					Next

#### 4. Select device

■ User can select "**By Device**" or "**By Group**" from drop-down list to find the device.



- Enter the keyw ord to find the device
- Filter: Select "Device" or "Group" to find the device.



Select text in the status bar can sort the order. When arrow is in bold with, it means current selection.

🖪 AVer Display Manage	ment				
		Edit Content	Select Devices & Dai	te	
By Device	•	Q Search	Ţ		
Power+	Device +	Group			
	CB-310_TPE				

5. **Schedule:** Setup broadcast time. After selecting the device, the schedule windows will display. Select date, hour and minute to set the broadcast time.

	Edit Content	Select Devices 8	& Date						
				Sch			្ល	roadc	ast Nov
Power + Device +	Group+								
CB-310_TPE			Start [	Date					
			•		2	月, 202	20		Þ
			Sun	Mon	Tue	Wed	Thu	Fri	Sat
			26	27	28	29	30	31	1
			2	3	4	5	6	7	8
			9	10	11	12	13	14	15
			16	17	18	19	20	21	22
			23	24	25	26	27	28	29
			1	2	3	4	5	6	7
			E Repea Sun			e 1	5 🗘 : Thu	16 Fri	e) Sat
I device in total				_	Bac	k		Bros	idcast

- 6. After setting broadcast schedule, select "Broadcast" to complete.
- 7. Broadcast Now: After selecting the device, select "Broadcast "and the broadcast will play immediately.

AVer Dis	play Manage	ment										
			Edit Content	Select Devices 8	& Date							
						) Sche	dule		Св			
	Power+	Device +	Group+									
		CB-310_TPE										
					4		2	月, 202	20		Þ	
					Sun	Mon	Tue	Wed	Thu	Fri	Sat	Ш
					26	27	28	29	30	31	1	ш
					2	3	4	5	6	7	8	Ш
					9	10	11	12	13	14	15	ш
					16	17	18	19	20	21	22	Ш
					23	24	25	26	27	28	29	ш
					1	2	3	4	5	6	7	1
											Sat	
1 device	e in total						Bac	k		Broa	adcast	

#### Broadcast List

 Upcoming: List the broadcasts not play yet. User can "Edit", "Delete", "Duplicate" and " Move to pending".

🙂 AV	er Display Management v1.3.1026.	.27			
:=	Device Control	🔅 Settings	Schedule Setup	¶¶) Broadcast	6 AVer
	Pending Upcoming	Completed			Add Broadcast
	Attention!! Mon. 2020-02-24 at 14:20		CB-310_T	DE	
	WOII. 2020-02-24 at 14.20		00310_1		Edit
					Delete
					Duplicate Move to Pending

Completed: Broadcast has been play. User can select to check "Report" or "Duplicate",
 "Delete". Select () can play audio message.



Pending: The broadcast is um-complete setting. User can select setting > "Edit" to complete the setting. To delete, select "Delete". Select "Duplicate" can copy the broadcast to edit as another broadcast.

🖪 AVe	r Display Management v1.3.	1026.27							×
:=	Device Control	٢	Settings	É	Schedule Setup	📢 Broadd	ast	0	<b>AV</b> er
	Pending Upcom							Add Broad	cast
	2345 Now	_	_	_	_				
ľ									Edit Delete Duplicate

## **User Account**

To create user account and synchronize with AVer CB-310 device.

Select "Settings" > "User Accounts".

Maximum accounts are 50.



#### Enable Setup from Server

Enable remote management function to synchronize with AVer CB-310 device.

- 1. Select "System Settings".
- 2. Enable "Setup from Server" and "Multi-user function". When enable multi-user function, the password is required. After enabling, Admin password function is enabled, too. If user wants to change admin password, select "Change Password".
- 3. 點選「儲存」儲存設定。

AVer Display Management	<b>—</b>
All Devices	
System	
Setup from Server:	
Multi-user function:	
Guest user:	
Login with card: Password for	creating card accounts
Security	
Admin password:	Change Password
Bind admin card for login:	Change Card
Cancel	Save
🖪 AVer Display Management	◄
All Devices	
All Devices	
System	
Setup from Server:	
Multi-user function:	
Guest user:	
Login with card: Password for	creating card accounts
Security	
Admin password:	Change Password
Bind admin card for login:	Change Card
Cancel	Save

#### Add User

- 1. Select "Add User".
- 2. Enter "User Name", "Password" and "Confirm Password". Then, select "Next".



3. Tap the card for login if user wants. If not, select "Skip".



4. Select "Save" and the user account is displayed in list page.

🖳 AVer	Display Management v1.3.	1026.27						
∷≡	Device Control	🔅 Set	ings	Schedule 🛗	Setup 📢	Broadcast	0	<b>AV</b> er
	Devices	User Accou	nts					
	System Settings				Add User	Import List	Sync Nov	w
	User Name	Password	Bind Card	User Settings	Device Access		Select Device	Status
				\$			Ð	<b>1</b>

5. Select Device: Select the device for synchronization. Select " > select device > "Save".

😬 AVer Display Mana	gement v1.3.1026.27				
Device Co	ontrol 🔅 Sel	tings 🛗 Schedu	le Setup 📢 📢	padcast	0 AVer
Devices	User Accor	ints			
System	Settings		Add User	Import List S	ync Now
User Nam		Bind Card User Settings	Device Access	Select I	
Peter	•	\$	1		
🖭 AVer Display Mana	igement				
Devices List					
By Device	•	Q Search	Ţ		
Device 4		Group +			
CB-310	_TPE				
1 device in total				Cancel	Save

[Note] Search device:

- Select "By Device" and "By Group" to search device.
- Enter keyw ord to search device.
- Select "Device" or "Group" to filter the device.



7. Select "Sync Now" to synchronize with remote AVer CB-310 device. When synchronize successful, all user accounts are displayed.

Devices     User Accounts       System Settings     Add User     Import List     Sync: Now       User Name     Password     Bind Card     User Settings     Device Access     Select Device     Statur       Peter     Image: CB 310_TPE       John     Image: CB 310_TPE	Device Control	🔅 Settings	Schedule Setup	📢 ) Broadcast	0 A
User Name         Password         Bind Card         User Settings         Device Access         Select Device         Status           Peter	Devices	User Accounts			
Peter         ✓         CB:310_TPE         Image: CB:310_TPE	System Settings		Add User	Import List	Sync Now
Mary 🍼 🏟 CB-310_TPE 🖪 🖉	User Name	Password Bind Card	I User Settings   Device A	Access	Select Device Status
			🔅 СВ-310		🖬 🌾
John 🖌 🗘 CB-310_TPE 💽 🖋			🔅 СВ-310		🕀 🌾
			🔅 СВ-310		🕀 🏹

8. Select " Z " to check synchronize report.

Sync Status				
(1) Si	uccessfully (1)	Failed (0)		Q Search
Power +	Device +	Group +	Sync Status +	Time +
	CB-310_TPE			2020-02-25 10:39

9. Select " Select "



10. Login to AVer CB-310 device, user can see the user accounts has synchronized .Also user can check user accounts in "Setup" > "Multi user" after login.



#### Import List

User can create a user accounts list and use import function to add multiple user accounts.

1. Select "Import List" > "Download a sample file". The file format is "\*.csv".

🖪 AVe	r Display Management v	1.3.1026.27					<b>•</b>
≔	Device Control	🔅 Setting	gs 🏢 Scheduk	e Setup 📢 🍕	Broadcast	0	<b>AV</b> er
	Devices	User Accounts					
	System Settings			Add User	Import List	Sync Nov	v
	User Name	Password B	ind Card User Settings	Device Access		Select Device	Status
			*	CB-310_TPE		(÷	×2
	Mary		\$	CB-310_TPE		Ð	<b>1</b>
			\$	CB-310_TPE		æ	<b>1</b>
		Import Li You d	can download a sam mation.	a sample file	r în user		

- 2. Open \*.csv file, enter the user accounts and data and save the file.
- 3. Select "Import List" > "Import". Then, the user accounts will be added and displayed.

🛃 AVer Display Management v	1.3.1026.27		
Device Control	🔅 Settings	🛗 Schedule Setup 📢 Broadcast	<b>6</b> AVer
Devices	User Accounts		
System Settings		Add User Import List	Sync Now
User Name	Password Bind Card	User Settings   Device Access	Select Device Status
		СВ-310_ТРЕ	
Mary		🔅 СВ-310_ТРЕ	+ 😕
		CB-310_TPE	🕀 🌾
Ginger		\$	<b>⊕</b> ≁≊
Tom		\$	🕀 🌾
Ryan		\$	🕀 🌾
Chris		\$	主 🌾

4. Select Device: Select the device for synchronization. Select " > select device > "Save".

5. Select "Sync Now" to synchronize with remote AVer CB-310 device. When synchronize successful, all user accounts are displayed.

# Specificaion

Android Version	Android 7.1				
RAM/ROM	4GB DDR3/ 8GB				
CPU	Dual-core ARM Cortex-A72 1.8Ghz processor and Quad-core ARM Cortex-A53 1.4Ghz processor				
GPU	ARM Mali-T860MP4				
Input/Output (Includedresolution)	HDMI input x3 (Max. 1920x1080)				
	VGA input x1 (Max. 11920x1080)				
	USB-type A x2				
	HDMI output x2 (Max. 4K)				
USB	USB-type B				
Ethernet	Giga-Ethernet				
Power	12V/4A; Max. 500mA				
Wall Mount	Yes				
Warranty	3 years				
Operation Environment	Relative Humidity : ≤80 ∗				
	Operation Temperature: 0~+40℃以上				
Storage Temperature : -10 ~ +60°C					
Dimension (withoutwallmount)	190mm(L) x 154mm(W) x 33mm(H)				
Packaging Dimension	305mm(W) x 255mm(D) x 231mm(H)				
NetWeight	2.7±0.1 kg				

## **Multimedia Supported Formats**

Туре	Format	File Extension
Image	JPEG \ BMP \ PNG	.jpg\.bmp\.png
Video	MPEG1 \ MPEG2 \ MPEG4 \ H264 \ RM \ RMVB \ MOV \ MJPEG \ VC1 \ DivXFLV	.avi\.mpg\.dat\.vob\.div\.mov\.mkv\.rm\.r mvb\.mp4\.mjpeg\.ts\.trp\.w mv\.asf\.flv
Audio	MP3 · M4A (AAC)	.mp3\.m4a

## **RS-232** Pin Definition

 Pin define							
	DB9	3.5mm ST					
2 RX		1	RX				
3 TX		2	TX				
5 GND		3	GND				

## **RS-232 Send Commands Table**

Baud Rate: 115200 bps Data bits: 8 bits Parity: None Stop bits: 1 bits

```
Send Format: Device ID(Default 0x00) + 0x52 + 0x04 + 0x00 + Command + Data[0] + Data[1] + 0x50 + Checksum(*1)

Receive Format: Device ID(Default 0x00) + 0x50 + 0x04 + 0x80(*2) + Command + Data[0] + Data[1] + 0x52 + Checksum(*1)

*1 xor : Exclusive-or operator

*2 Receive Success Check Code : 0x80(Success Command), 0x81(Invalid Command),

0x82(CheckSum Fail)
```

```
[Example]
Set Input Source VGA
Send Format: 0x00 + 0x52 + 0x04 + 0x00 + 0x02 + 0x03 + 0x00 + 0x50 + 0x07
Receive Format: 0x00 + 0x50 + 0x04 + 0x80 + 0x02 + 0x03 + 0x00 + 0x52 + 0x87
```

Function	Command	Data[0]	Data[1]
Pow er	0x01	0x00 : Stand By	0x00
		0x01 : Pow er On	
Input Source	0x02	0x00: HDMI 0 (Front)	0x00
		0x01: HDMI 1	
		0x02: HDMI 2	
		0x03: VGA	
		0x04 : Type C	
		0x05: OPS	
Set ID	0x05	0x00: Only one	
		0x01~0xFF :1~255	
Wi-Fi	0x30	0x00: Off	0x00
		0x01 : On	
Back to last step	0x35	0x00	0x00
Android HOME	0x37	0x00	0x00

## **RS-232Transmission Specifications**

Start bit: 1 bit

Data bit : 8 bit

Stop bit : 1 bit

Parity bit : None

X parameter: None

Baud rate (Communication speed): 115200bps

## **RS-232Communication Format**

Device ID Code(1 Byte)	0x00	0x00
Receive Device Code(1 Byte)	0x52	0x52
Data Length Code(1 Byte)	0x04	0x04
Type Code(1 Byte)	0x00	0x10
Command Code (1 Byte)	RS-232 Send Command Table	RS-232 Get Command Table
Data[0] Code (1 Byte)	RS-232 Send Command Table	0x00
Data[1] Code (1 Byte)	RS-232 Send Command Table	0x00
Send Device Code (1 Byte)	0x50	0x50
CheckSum Code (1 Byte)	XOR	XOR

Format	Device ID + Receive Device + Length + Type + Command + Data[0] + Data[1] + Send Device + CheckSum	
Example	0x00 + 0x52 + 0x04 + 0x00 + 0x01 + 0x01	Get Input source : 0x00 + 0x52 + 0x04 + 0x10 + 0x02 + 0x00 + 0x00 + 0x50 + 0x14

# **Troubleshooting**

Symptom	Possible Cause	Solution
The screen does not display anything; there is no sound, and the indicator does not come on	Looseness of power plug, pow er connection failure	Check if the pow er cord is properly connected
Pictures are colorless	Color saturation is set too low	Enter "Picture" settings to increase the color saturation
The product has no accompanying sound	<ol> <li>Volume is set too low</li> <li>Sound is muted</li> </ol>	<ol> <li>Adjust the volume to a proper level</li> <li>Press the "MUTE" key on the remote control to unmute the product</li> </ol>
The PC does not display anything, and gives a prompt indicating no signal input; the red indicator blinks	Looseness or come-off of the signal connection cable	Check if the signal connection cable is loosened or comes off; if so, reconnect it
Pictures shown on the PC are offset, do not cover the entire screen, go beyond the screen, or are blurred	<ol> <li>Improper adjustment</li> <li>Wrong display mode</li> </ol>	<ol> <li>Use the auto adjustment function</li> <li>Enter "PC Screen Adjustment" to adjust the horizontal or vertical</li> </ol>
Short remote control distance, malfunction of remote control	<ol> <li>The remote receiver of the product is blocked by some object</li> <li>Battery level of the remote control is low</li> </ol>	<ol> <li>Move the object to avoid blocking the remote receiver</li> <li>Replace the battery</li> </ol>
The w hite noise problem has occurred on screen w hen MAC computer connect w ith HDMI in 3840 x 2160 30Hz setting	Might be the compatibility issue	Please change to HDMI 4 connection for normal output

Symptom	Possible Cause	Solution
A link cannot be accessed via the brow ser	<ol> <li>Wrong netw ork parameter configuration</li> <li>Improper netw ork connection</li> <li>Netw ork service is not activated</li> </ol>	<ol> <li>Ask the netw ork administrator for available netw ork IP addresses and other parameters</li> <li>Check if the netw ork connection cable is properly connected</li> <li>Consult the netw ork service provider</li> </ol>
Video gets seriously stuck w hen played online	<ol> <li>Netw ork bandwidth is low</li> <li>Several movies are buffered or other content is dow nloaded</li> <li>simultaneously</li> </ol>	<ol> <li>Upgrade your netw ork bandw idth to a higher one</li> <li>Try replacement w ith other VOD addresses to obtain better resources</li> </ol>
The product gets stuck, crashes or cannot be operated	<ol> <li>Too many programs are running</li> <li>Normal operation of the product is disturbed by external environment</li> <li>(e.g., lightning, static electricity)</li> </ol>	Disconnect the product from pow er supply; wait for 1-2min and reconnect pow er supply; then restart the product
HDMI2 is dedicated to 4K video input, and cannot use the side toolbar and external devices (speakers or microphones).		Please select HDMI Output to output sound w hen using. Do not use other external devices.