BlueEyes®

Livebox/Livebox PRO

Live Streaming Box

Operation Manual

2015/10/13

www.BlueEyes.tw

Operation manual

❑ BlueEyes Livebox/Livebox PRO Live Streaming Box

Thank you for using the product of BlueEyes Technology.

The manual will introduce the product of BlueEyes Technology. Please read the manual before you start using the product.

Though the information in the manual has been verified before publish, the actual specification should be based on the actual shipment. BlueEyes Technology doesn't have to guarantee, proclaim or declare for the content, along with other purpose. In addition, the product specification and information that mentioned in the manual is for reference only. The content might be update at any time without notice. If there is any mistake of the information, including software, firmware, and hardware that mentioned in the manual BlueEyes Technology has no responsibility for the mistake.

Please reach BlueEyes website to get the upgrade of the product specification, our company will not notice you. If you want to get the latest product information, operation manual, firmware, or you have any question to the products of BlueEyes Technology, please contact your local agent or go to the official website of BlueEyes Technology for further information.

It is not allowed to copy/ use the content or to change the information and publishing of the manual without BlueEyes Technology's written consent.

Copyright 2015 BlueEyes Technology Inc. All Rights Reserved.

BlueEyes Technology Corp.
Add: 7F-3, No.200, Sec. 4, Wenxin Rd., North District, Taichung City 40462, Taiwan
TEL: +886 4 2297 0977 / +886 982 842 977
Fax: +886 4 2297 0957
E-mail：support@blueeyes.com.tw
Website: www.BlueEyes.tw

Index

Operation manual 1
1. Introduction 3
1.1 Notice before you read 3
1.2 Intellectual Property Right 3
1.3 Notices before use 3
1.4 Size of Livebox PRO 6
1.5 Structure 6
1.6 Installation 7
2. Livebox Settings 10
2.1 Preparation work 10
2.2 IP setting 11
2.3 Channels Setting 13
2.4 Channel 15
3. Livebox PRO setting 16
3.1 IP setting 16
3.3 Channels Setting 17
3.4 Channel monitor 19
3.5 Log 20
4. Q&A 21
【Q1】How to shut down or reboot Livebox PRO? 21
【Q2】Can Livebox PRO with CRT TV? 21
【Q3】How to connect with VGA monitor ? 21
【Q4】Can I use remote control for Livebox PRO? 21
【Q5】How can I have many spilt screens? 21

1. Introduction

1.1 Notice before you read

The manual can help you understand the function and operation methods of Livebox PRO

- The company suggested you that if you store all written records of important information, in some cases, it may cause data loss and change in the electrical storage. Therefore the company is not responsible for the data loss that is caused by improper use, maintenance, defects, expire or any other reason.
- The company is not responsible for the economy loss that is caused by the third party or other function, such as the DIY firmware, the information loss or change.
- The pictures of operation manual may be different from the actual product, this is because of the software version changes.
- If there are changes of the information in the manual, we would not notice you. Please go to the official website of BlueEyes Technology.
- The company would not be responsible for the information downloaded from the website.

1.2 Intellectual Property Right

According to the Intellectual Property Rights, the copy, changes, or usage of copyrighted pictures and music are only for personal or private use. If the user does not have a wider range of copyright or not explicit consent of the copyright owner and unauthorized copying, change or use the copies of this way to change or make or amendment, then it would be viewed as violating copyright laws. The copyright owner is entitled to claim for loss. For this reason, do not illegally use copyrighted materials.

1.3 Notices before use

★ To make sure the accessories can use properly, understand the notices below ★

- Please read the instructions, the company would not be responsible for the product misuse problems caused by human.
- To avoid fire, electric shock or damage, please do not wet the machine by rain or water drops. Do not put the vase on the machine.
- To make sure good ventilation, do not put the machine on the bookshelf, or in the

built-in cabinets or other confined space. Keep curtains or any other object away from the ventilation holes to avoid overheating and cause electric shock or fire.

- Do not put the lighted candle or fire on the machine.
- Do not open the machine to avoid electric shock. Only the maintenance staff who was trained by the company and certificate qualified can open it.
- Do not hot plugging the HDMI socket. It will shorten the life of the machine and display of HDMI socket.

Placement

- Please put the machine on the flat surface, and keep it far away from the direct sunshine; also, prevent from high heat, humidity and frequent vibrate, or it may cause the damage of body and internal parts, then shorten the life of the machine.
- The place should be far away from the heat source, such as heating, heat regulator, oven or other heating products.
- Use the product in the dry and ventilated surrounding to avoid from breaking down.
- To avoid distortion and abnormal sound, do not put heavy things on the machine. When placing the machine, please maintain a minimum distance of 15 cm from the wall.

Electrical source

- Please do not use the too high voltage or the machine may cause fire. You should correctly connect the AC power cord, and make sure the power cables are not damaged. Do not pull, bend the power cord or place heavy objects on the power cord
- The power could not be over loaded on the socket. You should be careful about the extended line and integrated socket. These may be the reasons that cause fire.
- Please do not clamp the AC between the machine, wall and bookshelf.
- To prevent damage caused by lightning, you should unplug the power when not using the machine.

Cleaning

- Before cleaning the machine, unplug the power cord.
- Use the slightly damp, soft cloth, and do not use the liquid detergent and spray cleaners. For stubborn stains, clean with a soft cloth moistened with water, wring clean, and then wipe the machine with a soft, dry cloth.
- Do not use any solvents, such as thinner and gasoline solvents, as these solvents can damage the machine's surface.

Moisture proof

- When using this machine, you should try to avoid damp places, such as in a wet basement.
- In the following situations may cause condensation:
  - When you suddenly move the machine from the freezing place to a warm place.
  - When you are in the room that just turned on the heating, or the place the air conditioner and heating would directly sweep through.
  - In the hot summer, you move the machine from an air conditioned room to a hot and damp place.
- The moisture condensation would damage the machine. Imagine that on a hot day you pour cold drink in the glass, the outer surface of the glass will appear drops. Similarly, condensation will appear on the cover ,the cover is the most sensitive part of the machine.
- If it appears the condensation, plug the power cord into an electrical outlet, and use the remote control to turn the switch on, make it operate two to three hours. In this case, the condensation would evaporate when heating.

About the manual

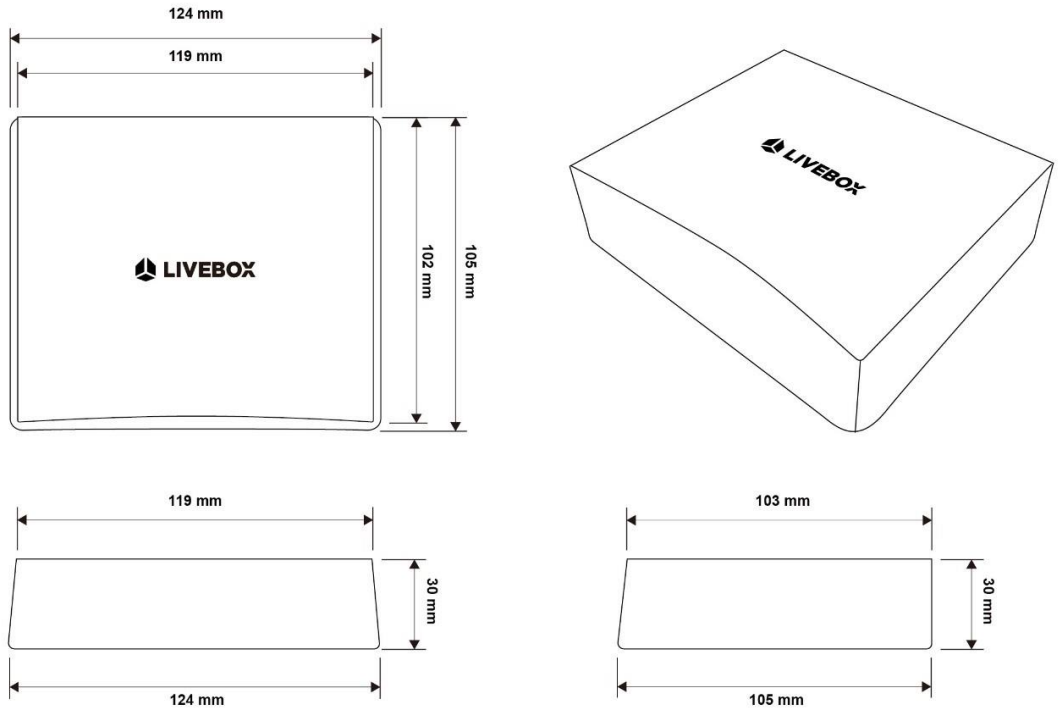
- Please read the instructions carefully before use, our company is not responsible for the artificial problems caused by incorrect use of the product.
- Read and keep instructions properly. Operate according to instructions in the operation manual.
- The pictures on the manual may be different from the pictures on the screen. This is because the software version is different.

Service

- Do not attempt to repair the machine by yourself.
- If not repaired, disassembled or assembled by the professional staff, it may cause electric shock or damage of the machine.
- When the machine has some abnormal phenomenon, this means that the machine needs to be repaired.
- If it needs to change parts, make sure the part has the same features as the original one. If not, it may cause fire, electric shock, or other damage.
- If it has the malfunction below or other malfunction not written, please plug the power plug, and connect to the agent or the company service center.
  - Output audio/video is not normal, the light doesn't shine, emit smoke.
  - The power cord or plug is damaged
  - Liquid spilled into the machine or something enters in the body
  - After the machine get wet because of the rain or water
  - The machine fall from high place or other reasons to cause damage.

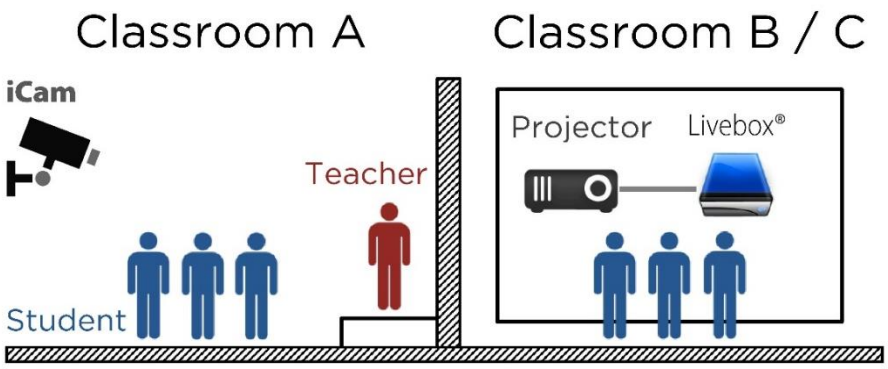
❍ Do as the manual but didn't work

1.4 Size of Livebox PRO

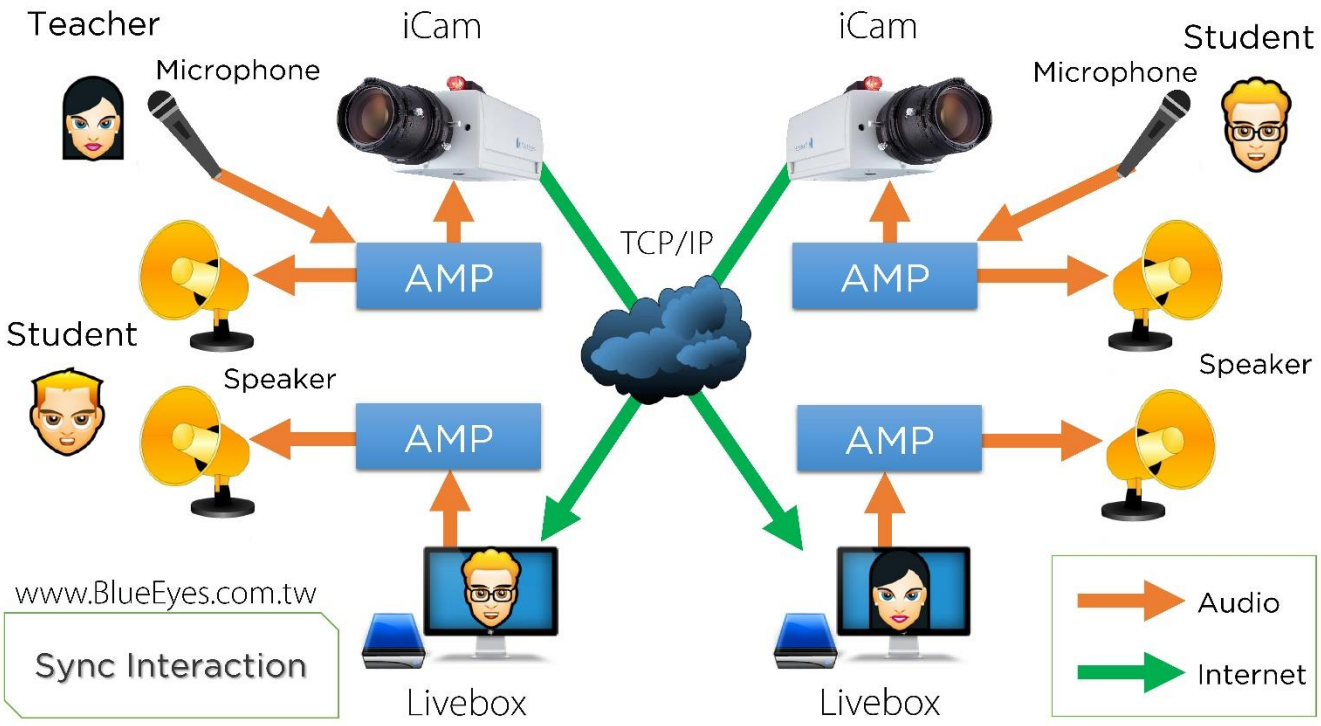


1.5 Structure

The structure of Livebox PRO (One-way):

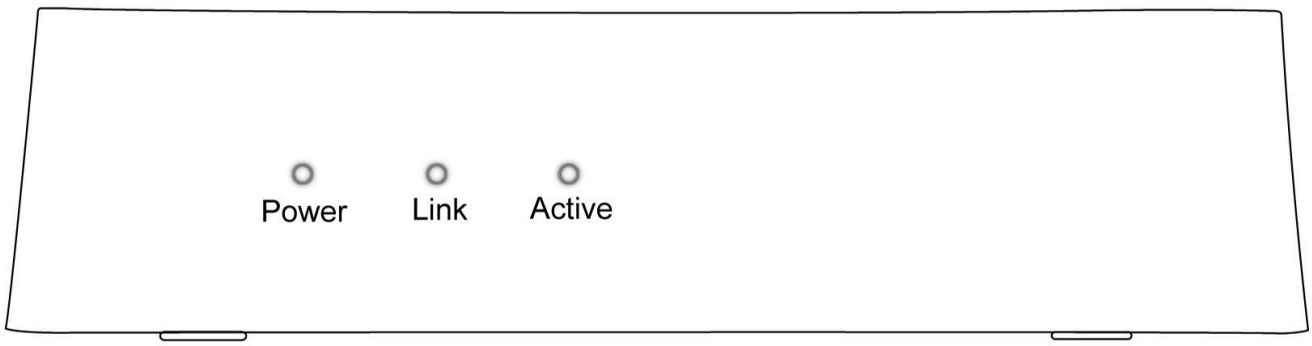


The picture below shows the structure of interactive of teacher and students (mutual):



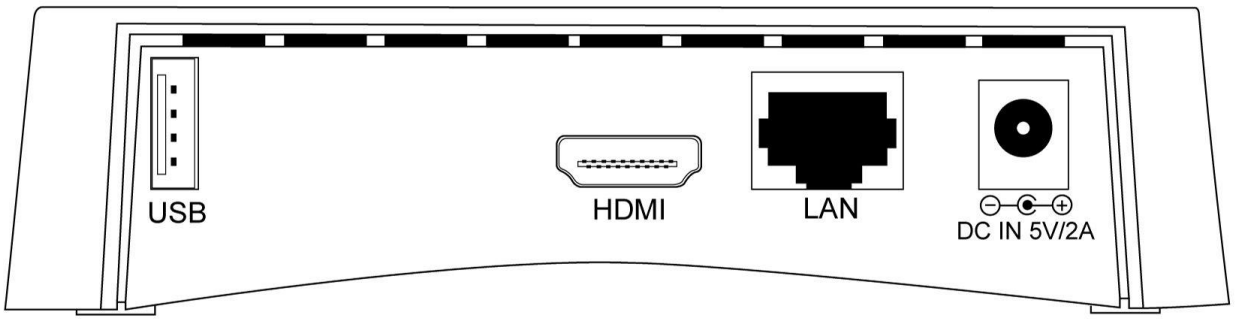
1.6 Installation

Please have Cat.5 / Cat.6 network cable (connected with network switch) insert to the network interface of Livebox, and connected to HDMI cable. After electrified for 30 seconds of Livebox, you will see the real-time video of iCam.



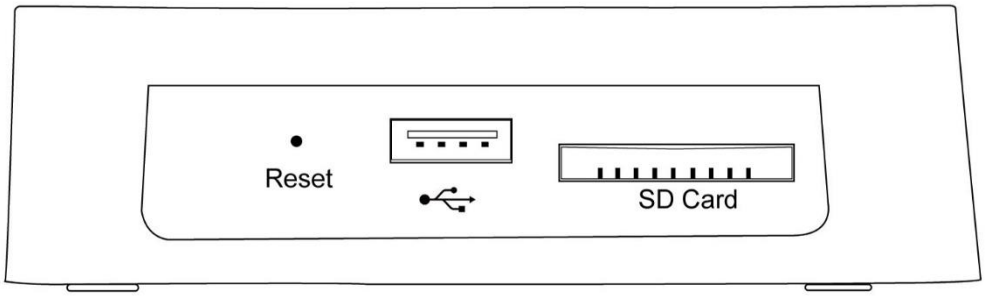
--Front--

Words	Illustrate
Power	Power on, light on.
Link	Light on when connection with internet.
Active	Light shining when saving system.



--back--

Words	Illustrate
DC IN	Connect to adapter.
LAN	Connect to LAN.
HDMI	Connect HDMI to monitor.
USB	For USB.



Words	Illustrate
USB	Connect to USB mouse.

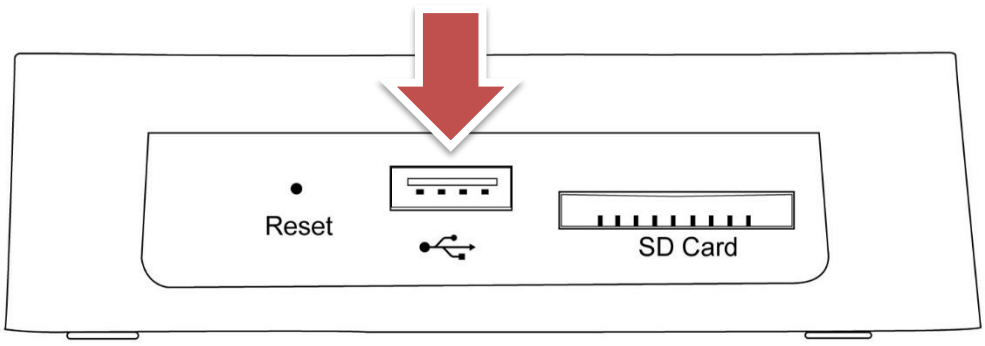
SD card	For SD card.
Reset	Restore the setting.

2. Livebox Settings

2.1 Preparation work

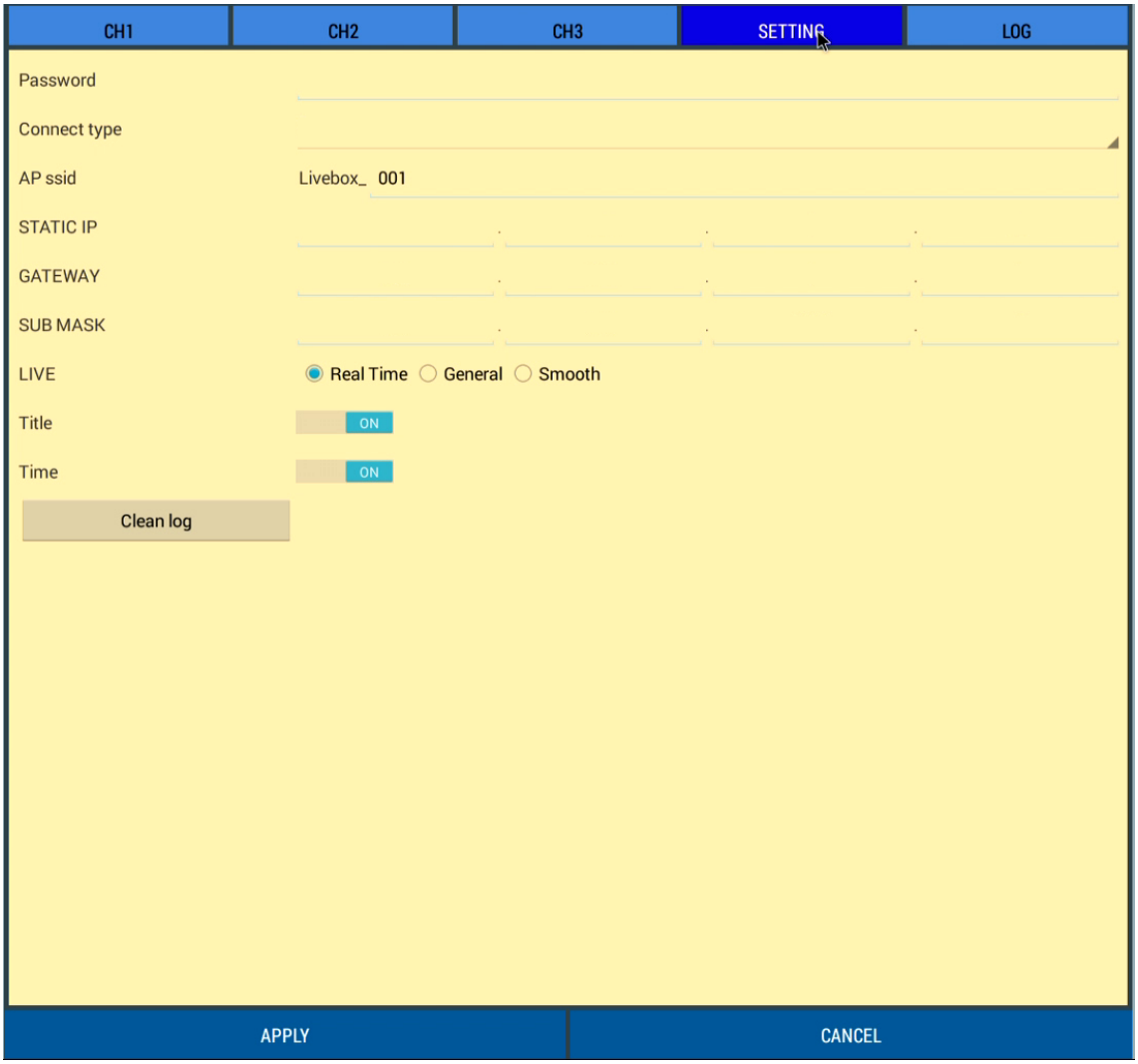
Please prepare a mouse with USB interface before doing the related settings of Livebox.

Please use mouse to do the related settings of Livebox. Insert the USB of mouse to the left side of Livebox. There has a USB USB interface on the left side.



2.2 IP setting

After computer starts up, please click , and choose【SETTING】 to modify the settings of Livebox, such as: Password, connect, AP ssid, STATIC IP, GATEWAY, SUB MASK, title, time…etc. Please click【APPLY】 if you want to save the settings. If you do not want to save the settings, please click 【CANCEL】.

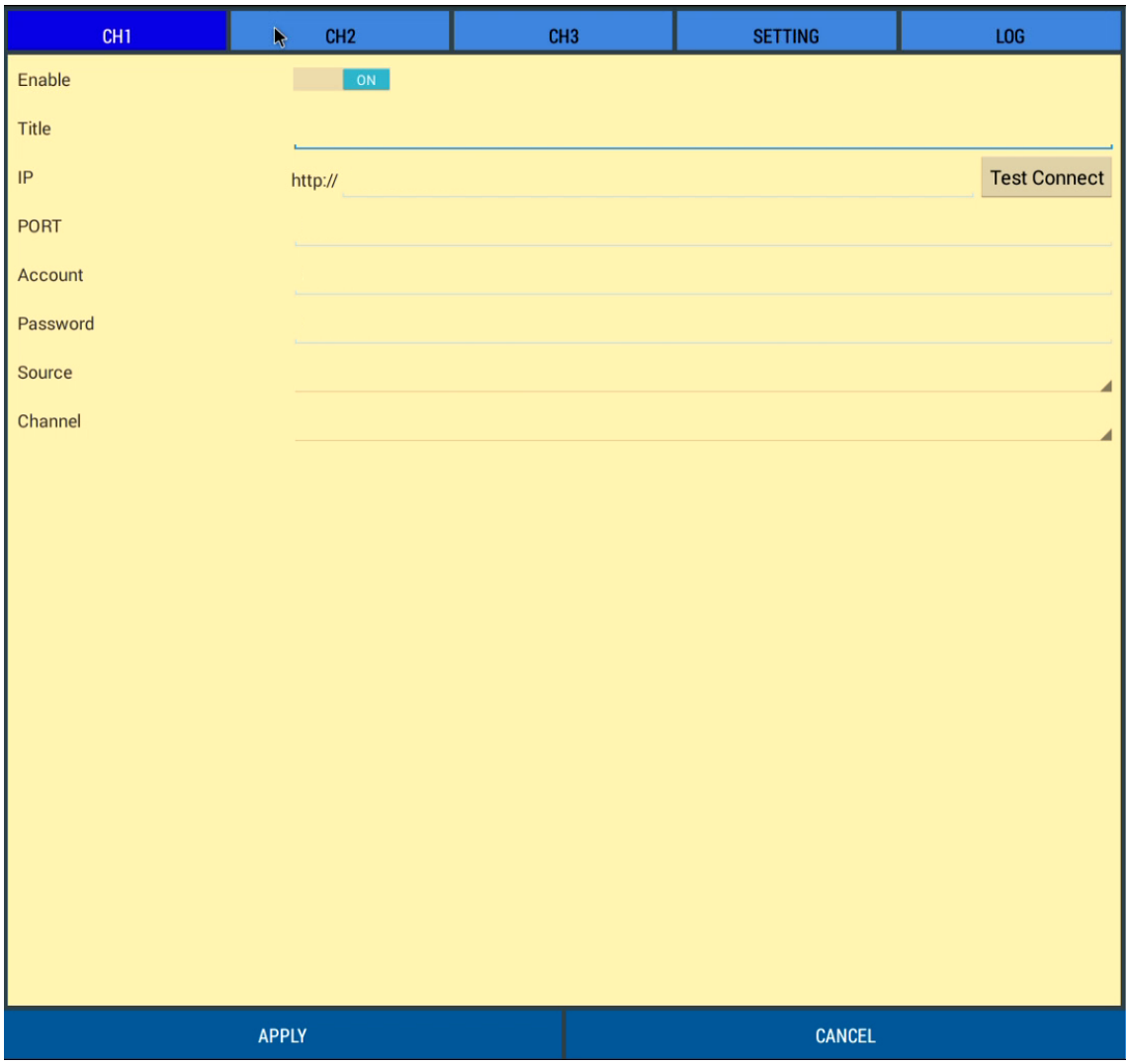


Password	Password for Livebox.
Connect type	The connecting way of Livebox, include Ethernet and wifi.
AP ssid	“Connect=Ethernet“ means Access Point(AP) of Livebox. AP SSID is the name for user to connect to Livebox, e.g.: Livebox_001, Livebox_002
SSID	The name for Livebox to connected to Access Point(AP). When you choose “Wifi” at “Connect”, you can select the WAP to have Wi-Fi

	connection.
STATIC IP	Static IP of Livebox, e.g. 192.168.1.51
GATEWAY	Gateway of Livebox, e.g. 192.168.1.1
SUB MASK	Sub Mask of Livebox, e.g. 255.255.255.0
LIVE	Can set as 「Real Time」、「General」、「Smooth」, default is 「Smooth」
Title	Shows the name of channels. You can turn on or off.
Time	Shows the information of time. You can turn on or off.

2.3 Channels Setting

You can have some settings about enable, title, IP, port, account, password, camera type in channels setting. When setting is done, please click【APPLY】. However, click【CANCEL】to cancel the settings you do.

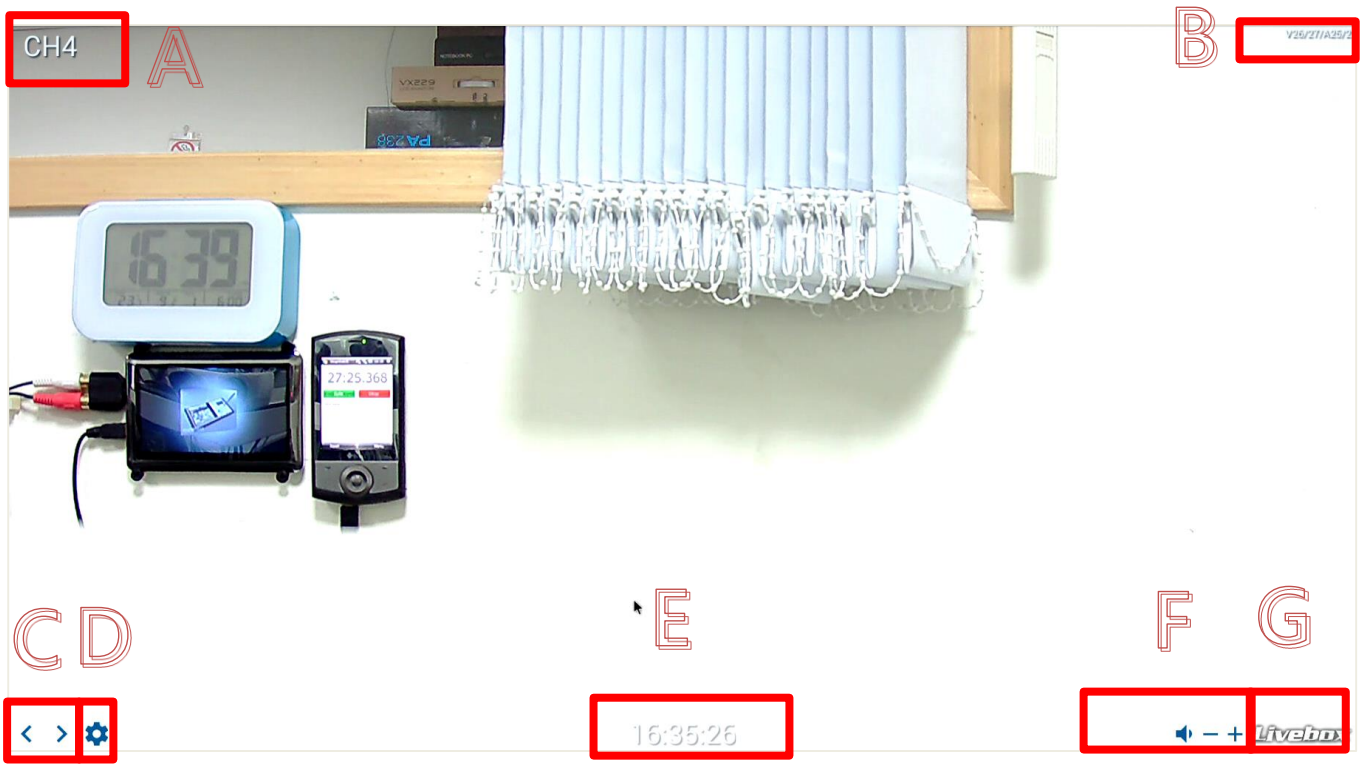


Enable	To turn on or turn off the channel
Title	You can have the「tag」 at the upper left of the video. It can help you know which channel are you in.
IP	IP address, and it also is the IP address for iCam or SES.
PORT	Setting connection source of port number.
Account	Account for log in. And it also is the account for iCam or SES.
Password	Password for log in. And it also is the password for iCam or SES.

Sourse	Types for video, include iCam v2, iCam v3, SES, and SES iFollow
Channel	Class number. You can select class number for live broadcasting. 「Type」→「SES」
Test Connect	You can select the channels of iFollow that you want to have broadcasting. 「Type」→「SES iFollow」

2.4 Channel

After the channels are set completed, you can switch to every channel to watch real-time video. The information of title, fps, channel switching, settings, time, volume, and logo will showed on the monitor.

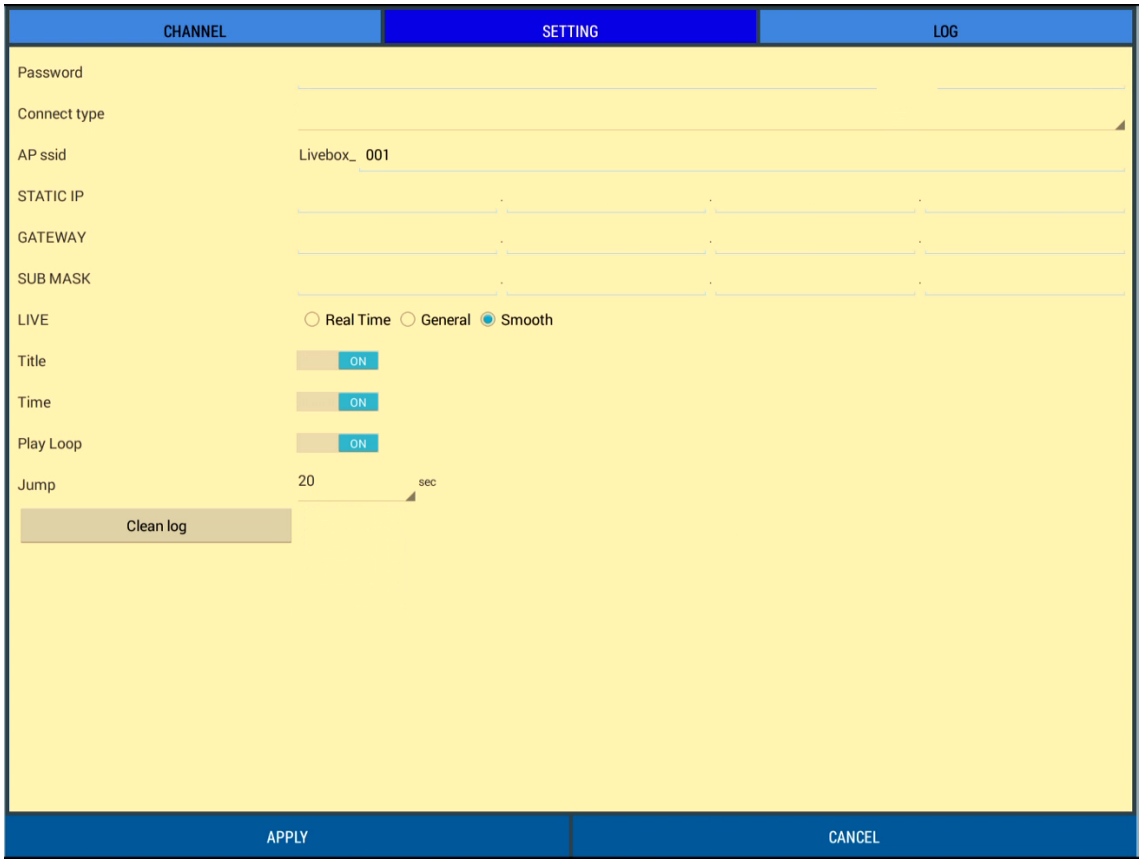


A	Which channel are you in. It can modify the name of channel.
B	Shows the number of images and audio packets/ per second
C	Select the channel.
D	You can have some related settings, such as Livebox, channels, and LOG.
E	Shows the time of the channel that you select. If you select iCam's channel, the time will be iCam's time
F	Set up the volume of Livebox
G	LOGO of BlueEyes

3. Livebox PRO setting

3.1 IP setting

After computer starts up, please click , and choose【SETTING】 to modify the settings of Livebox PRO, such as: Password, Connect Type, AP ssid, STATIC IP, GATEWAY, SUB MASK, Live, Title, Time, Play Loop, Jump…etc. Please click【APPLY】 if you want to save the settings. If you do not want to save the settings, please click 【CANCEL】.



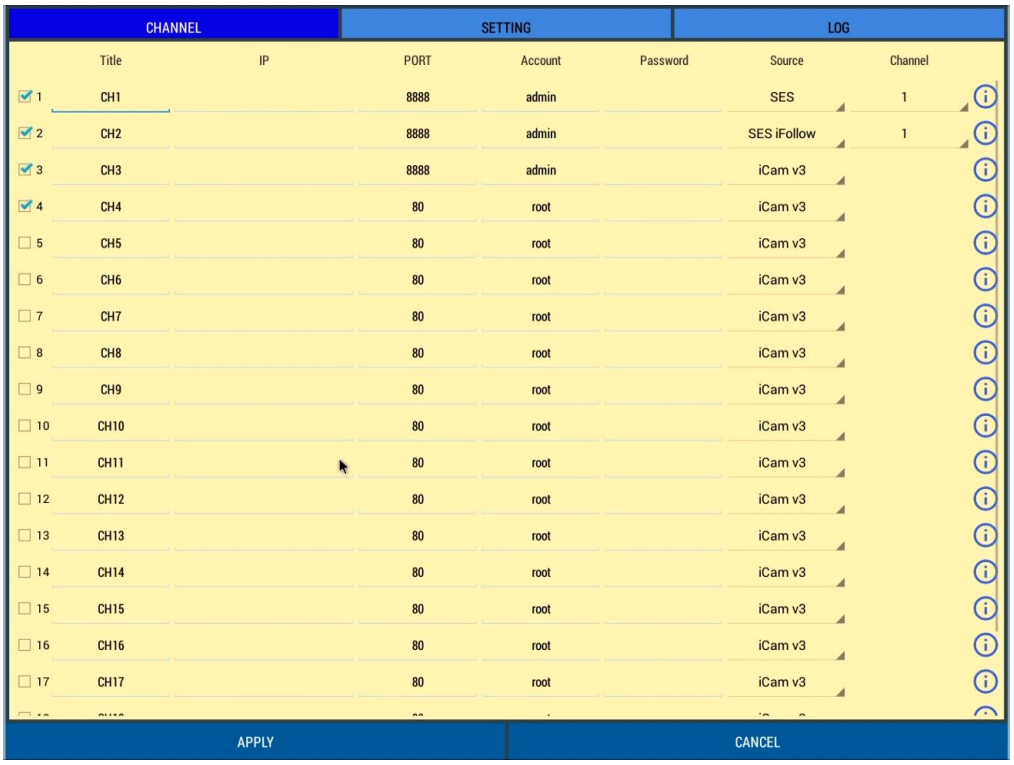
Password	Password for Livebox PRO.
Connect type	The connecting way of Livebox, include Ethernet and Wifi.
AP ssid	Connect=Ethernet“ means Livebox PRO’s Access Point(AP) AP SSID is the name for user to connect to Livebox PRO, e.g.: Livebox_001, Livebox_002
SSID	The name for Livebox PRO to connected to Access Point(AP).

	When you choose “Wifi” at “Connect”, you can select the WAP to have Wi-Fi connection.
STATIC IP	Static IP of Livebox PRO, e.g. 192.168.1.51
GATEWAY	Gateway of Livebox PRO, e.g. 192.168.1.1
SUB MASK	Sub Mask of Livebox PRO, e.g. 255.255.255.0
LIVE	Can set for 「Real Time」、「General」、「Smooth」, default is 「Smooth」
Title	Shows the name of channels. You can turn on or off.
Time	Shows the information of time. You can turn on or off.
Play Loop	Enable/ close the function of play loop
Jump	Second of loop channel, including 「20」,「30」,「40」,「50」 and 「60」.

The preset IP address for Livebox PRO is 192.168.1.51, and please use virtual keyboard to key in the information.
Please use Static IP, because Livebox PRO cannot accept domain or DHCP.

3.3 Channels Setting

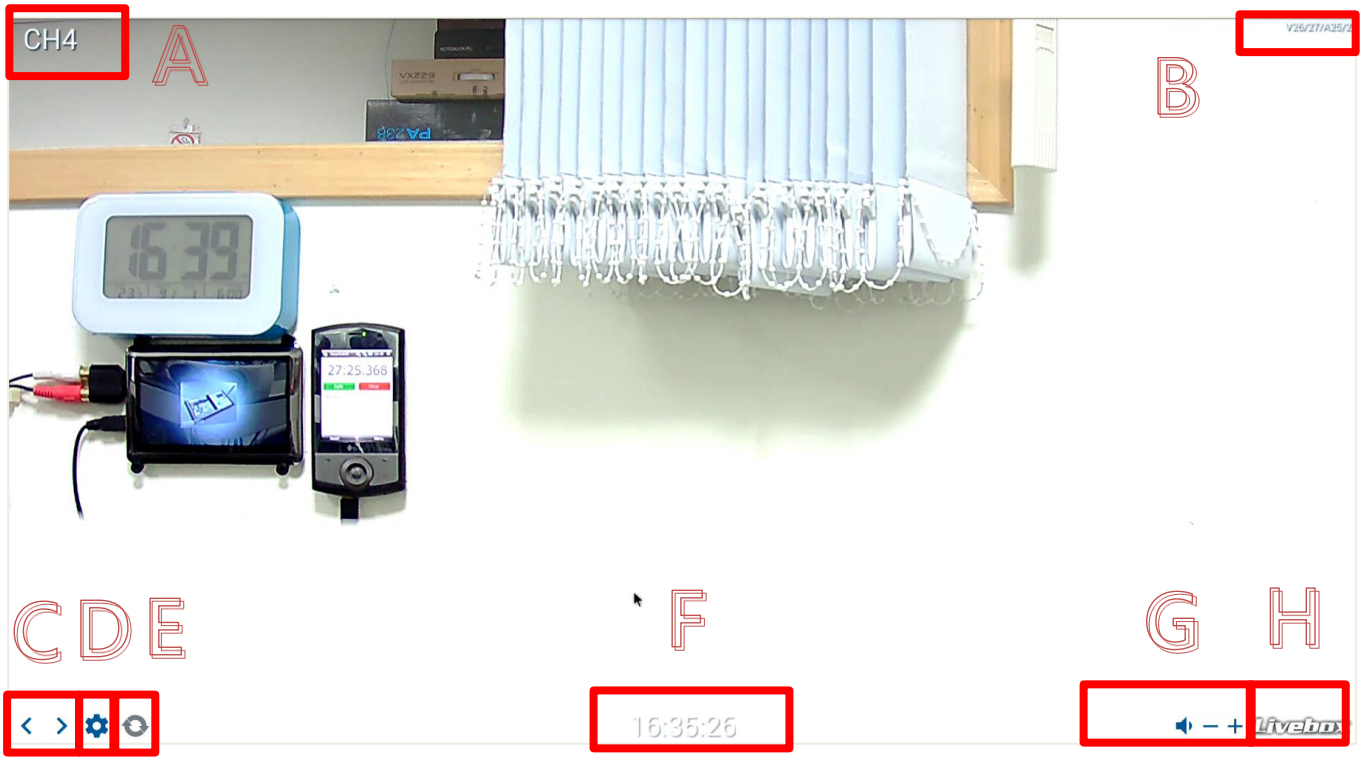
You can have some settings, including Enable, Title, IP, PORT, Account, Password, Camera Type in channels setting. When setting is done, please click【APPLY】. However, click【CANCEL】to cancel the settings you do.



☐	Click to use the channels.
Title	You can have the「tag」 at the upper left of the video. It can help you know which channel are you in.
IP	IP address, and it also is the IP address for iCam or SES.
PORT	Setting connection source of port number.
Account	Account for log in. And it also is the account for iCam or SES.
Password	Password for log in. And it also is the password for iCam or SES.
Camera Type	Types for video, include iCam v2, iCam v3, SES, and SES iFollow.
Channel	When camera Type choose SES, you can choose live classroom. When camera Type choose SES iFollow, you can choose iFollow group.
!	Test for connection status, success/ failure

3.4 Channel monitor

After the channels are set completed, you can switch to every channel to watch real-time video. The information of title, fps, channel switching, settings, time, volume, and logo will showed on the monitor.



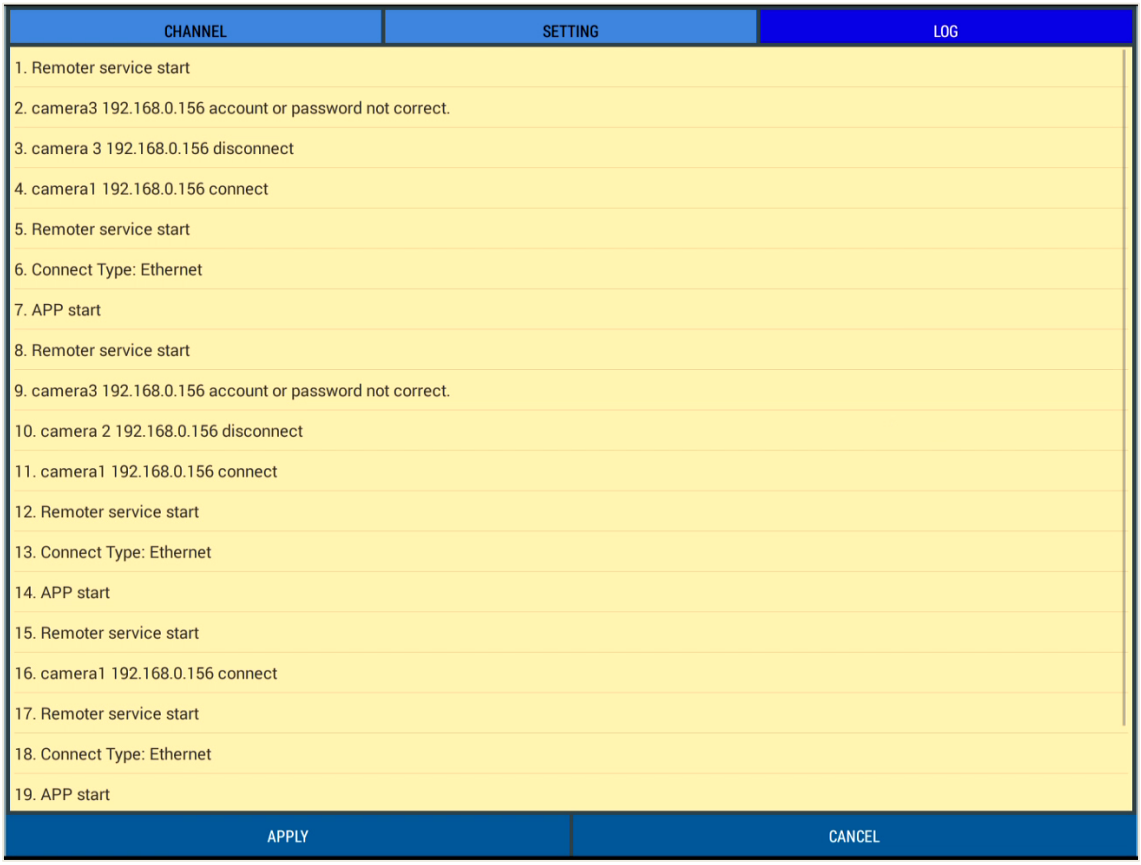
A	Which channel are you in. It can modify the name of channel.
B	Shows the number of images and audio packets/ per second.
C	Select the channel.
D	You can have some related settings, such as Livebox, channels, and LOG.
E	Enable/ close the function of loop.
F	Shows the time of the channel that you select. If you select iCam's channel, the time will be iCam's time
G	Set up the volume of Livebox PRO.
H	LOGO of BlueEyes.

If your Camera Type choose iCam v2 and iCam v3, the time will be iCam's time.

If your Camera Type choose SES, or SES iFollow, the time will be SES's time.

3.5 Log

You can check the record in "Log".



4. Q&A

【Q1】How to shut down or reboot Livebox PRO?

【Answer】 There has a switch to turn on, turn off, or reboot the Livebox PRO.

【Q2】Can Livebox PRO with CRT TV?

【Answer】 The output picture quality of Livebox PRO is HDMI. If your television is CRT, we advise you to replace the TV to have better picture quality. Or you can have HDMI adapter.

【Q3】How to connect with VGA monitor ?

【Answer】 Please go to 3C store to buy HDMI adapter.

【Q4】Can I use remote control for Livebox PRO?

【Answer】 We advise you to have Livemote or mouse to operate Livebox. If Livemote is need, please go to Google Play to download the APP (Livemote).

【Q5】How can I have many spilt screens?

【Answer】 The output of Livebox PRO is HDMI. If you want to split the monitor to 4 parts, 9 parts, or more. We advise you to buy video multiplexer. Or you can get more information about video multiplexer at this website.
http://www.pstek.com.tw/wc/cast-305.html

Note

BlueEyes®

http://www.BlueEyes.com.tw