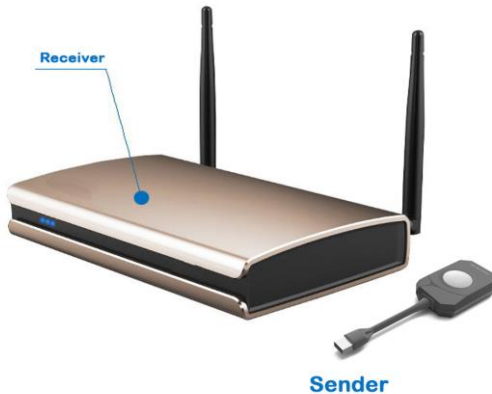




User Manual

(A SERIES)



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Package Contents

- 1 x Base Unit
- 1x Buttons
- 1 x 12V 2A Power Supply
- 1 x Power Cord, US type
- Antenna
- CD within User manual

Overview

A SERIES is wireless collaboration system, it aims to provide solutions to have more efficient presentation and better decision-making.

Front View



Solutions to have more efficient presentation and better decision-making

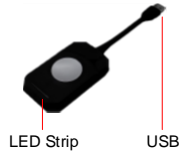
LED Strip	Indicates the status of Base Unit.	
	LED Status	Description
	static blue	<ul style="list-style-type: none"> during the boot process connect successfully, ready to share content upgrade is completed
	blinking blue	<ul style="list-style-type: none"> connection is in process
	static red	<ul style="list-style-type: none"> receiving content from the buttons and streaming towards the display
static purple	<ul style="list-style-type: none"> upgrade is in process 	

Rear View



LAN	Used for device configuration by web browser
L/R Out	Stereo audio output
VGA Out	VGA display output
HDMI Out	HDMI display output
USB	Used for Button pairing or Base Unit upgrade
Power	Connect to the power adaptor

Button



LED Strip	Indicates the status of Button.	
	LED Status	Description
	static blue	<ul style="list-style-type: none"> during the boot process connect successfully, ready to share content pairing is in process
	blinking blue	<ul style="list-style-type: none"> connection is in process upgrade is in process
	static red	<ul style="list-style-type: none"> sharing content with the display pairing is completed upgrade is completed
off	<ul style="list-style-type: none"> the Button is not inserted into the USB port properly the USB port or computer might be defective 	
USB	<ul style="list-style-type: none"> connect to the USB port of computer for content sharing connect to the USB port of Base Unit for Button pairing 	

Features

- One-click to wirelessly share content from PC or laptop
- Using 2.4GHz or 5GHz band to guarantee a great wireless connection
- Provides a runtime executable software that does not require installation
- iOS/Android portable devices compatibility
- Full screen or dual/triple/quad view display
- Dual display with HDMI and VGA outputs
- Seamless switching

Application Diagram



Quick Guide

1. Connect the Base Unit and the display devices
2. Connect the power supply
3. Power on Base Unit and displays
4. Insert the Button into a USB port of computer
5. Browse to and execute the application
6. Click the Button to share content when connection is completed (LED strip of the Button is static blue)
7. After executing the application, the application icon appears in the system tray, right-click the icon to find context menu

Start sharing	to share content on the display
Stop sharing	stop sharing content on the display
Start audio sharing	enable audio sharing
Stop audio sharing	disable audio sharing
Full screen sharing	to share content on the display full screen
About ESHOW	version information of the Button
Exit	quit the program

8. To stop sharing from the display, click the Button again
9. When more users are sharing content simultaneously (no more than four), the display screen will change to multi-view screen automatically
10. Android and iOS devices user please refer to “Android and iOS user quick guide.pdf”
11. If the Button is not assigned to the Base Unit (by default, the Buttons are already paired to the specific Base Unit), it needs to be paired

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12. Insert the Button in the USB port of specific Base Unit
13. Unplug the Button from the Base Unit when the LED strip of the Button turns to static red from static blue, now the Button is ready for use
14. More configuration by web browser please refer to “Engineering manual.pdf”

Specifications

Technical	
Input	USB, Type A male
Output	1 x HDMI, Type A 19-pin female 1 x VGA, D-SUB female 1 x Stereo out, 3.5mm ear jack
Recommended operating system	Windows 7/8.1/10, Mac OS X 10.10 and later, Android 4.1 and later, iOS 9.0 and later
Input resolutions support	Up to 3840x2160
Output resolutions support	HDMI: Up to 1080P VGA: Up to WUXGA(1920x1200)
Frame rate	Up to 30 fps
Audio	PCM stereo
Audio Bit	16bit
Audio Sample Rate	44.1KHz
Wireless transmission technology	Wi-Fi
Band	2.4GHz, 5GHz
Reach	Max. 30m (100 ft.) between Button and Base Unit
Wireless transmission protocol	IEEE 802.11n/ac
Data rate wireless	Up to 867Mbps
Authentication protocol	WPA2-PSK

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Encryption	AES CCMP
Number of simultaneous on screen	1~4
Number of simultaneous connections	8
iOS/Android portable devices compatibility	Airplay mirroring and available via third party DLNA apps for JPG image content
System requirements	PC minimum requirements: CPU: Intel Pentium Dual Core, 1.83GHz Memory: 2048 MB RAM PC recommended requirement: CPU: Intel Pentium Dual Core, 2.6GHz Memory: 4096 MB RAM MAC: CPU: Intel Core 2 Duo Memory: 2048 MB RAM
General	
Operating Temperature	41~104°F (5~40°C), 10% to 90%, noncondensing
Storage Temperature	14~140°F (-10~60°C), 10% to 90%, noncondensing
Humidity	10% to 90%, noncondensing
Power Supply	12V DC 2A
Power Consumption (Max.)	Base Unit: 6 Watts Button: 2.5 Watts

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Chassis Material	Base Unit: Aluminum Alloy Button: Plastic
Device Dimension (W x H x D)	Base Unit: 7.4"x1.6"x4.3" (188mmx40mmx110mm) Button: 3.2"x0.6"x2.0" (80mmx15mmx50mm)
Package Dimension (W x H x D)	15.3"x2.6"x10.4" (388mmx67mmx264mm)
Weight	4.19 lbs. (1.9kg)

Troubleshooting

Problem	Cause	Solution
Can't find the drive after inserting the Button	No automatic refresh of drives	Refresh the view on computer
	Bad connection at USB port	Reconnect to the USB port or try another USB port
The application can't be executed successfully	The computer doesn't meet the minimum requirement	Try another computer which meets the system requirement
	Suspended by the 3 rd party anti-virus program	Add the application to the trusted list
The LED strip of the Button keeps blinking blue	The Button is not paired	Re-pair the Button
	The Button is in boot process	Wait a few seconds
	Connection between the Button and the Base Unit is lost	Unplug the Button from the computer and try again
Can't sharing content when pressing the Button	The application is not running	Browse and execute the application
	There are already four users sharing content simultaneously	Stop sharing at least one of the user's content, then press the Button again
	The resolution of computer is greater than 1080p	Adjust the resolution of the computer to 1080p or lower or upgrade the software to V2.1.7 or later
Audio is not playing	The program which is playing audio is mute	Unmute the program
	The audio system connected with the Base Unit is disabled	Check the audio system and ensure it works fine
	Didn't enable audio sharing	Right-click the icon of application and enable audio sharing
The connection from the Button to the Base Unit keeps falling away	Wireless congestion	Change another wireless channel via Web interface (Better to use a Wi-Fi scanner to find a free channel first)

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	Low signal strength	<ul style="list-style-type: none">● Put the Base Unit closer● Change the orientation of the antennas● Remove as much as possible all obstructions between the Buttons and the Base Unit
Some programs or windows are not shown on the display	Use of overlays, 3D or hardware acceleration in the GPU	Disable overlays or hardware acceleration in the GPU

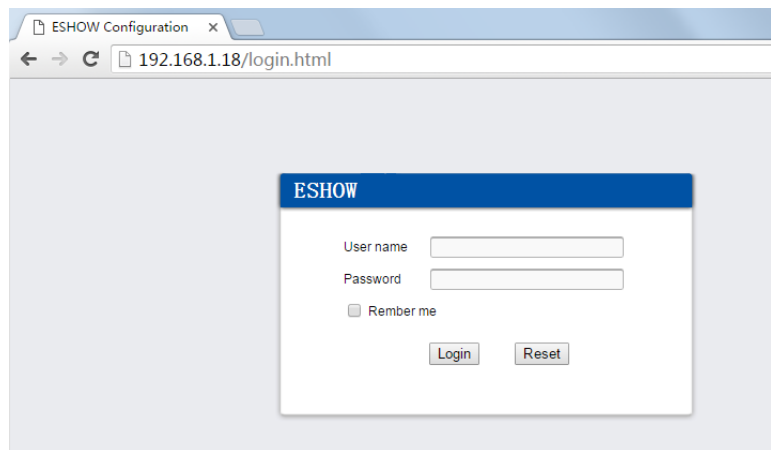
Notes

Please read the user manual carefully before operating. Contents shown in this manual are for reference only. Appearances, features, specifications are subject to change without notice, please contact technical support for the latest details.

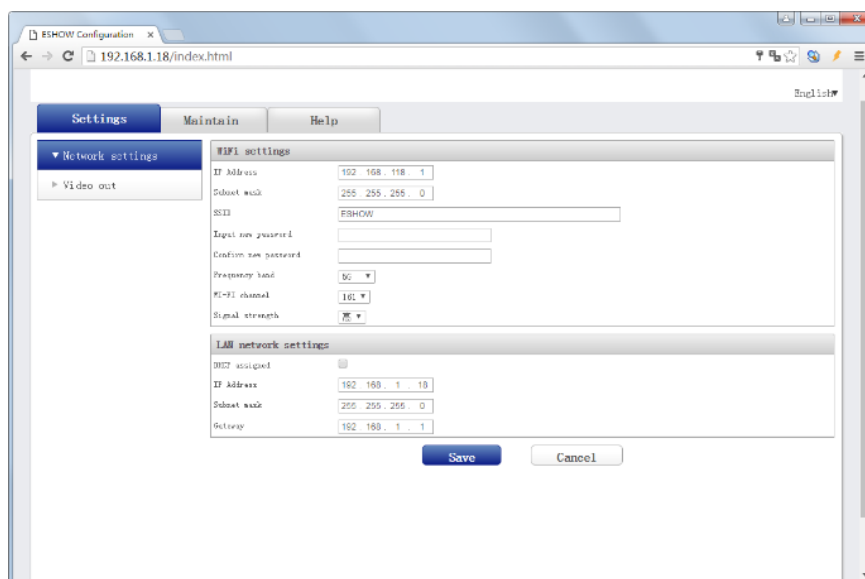
Engineering manual

A. To access the Web Interface via the LAN

1. Open a browser
2. Browse to the LAN IP address shown in the top left corner of the welcome screen, then a login screen appears
 - a) The LAN IP address is only valid when the Base Unit is connected to the LAN router or the LAN port of the computer
 - b) Make sure the gateways of the Base Unit and the computer are the same
 - c) Make sure the DHCP is disable when connect to the LAN port of the computer directly



3. Enter the user name and the password and click Login. By default, the user name and the password are set to 'admin' (case-sensitive). Then the web interface opens



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B. To access the Web Interface via the wireless network

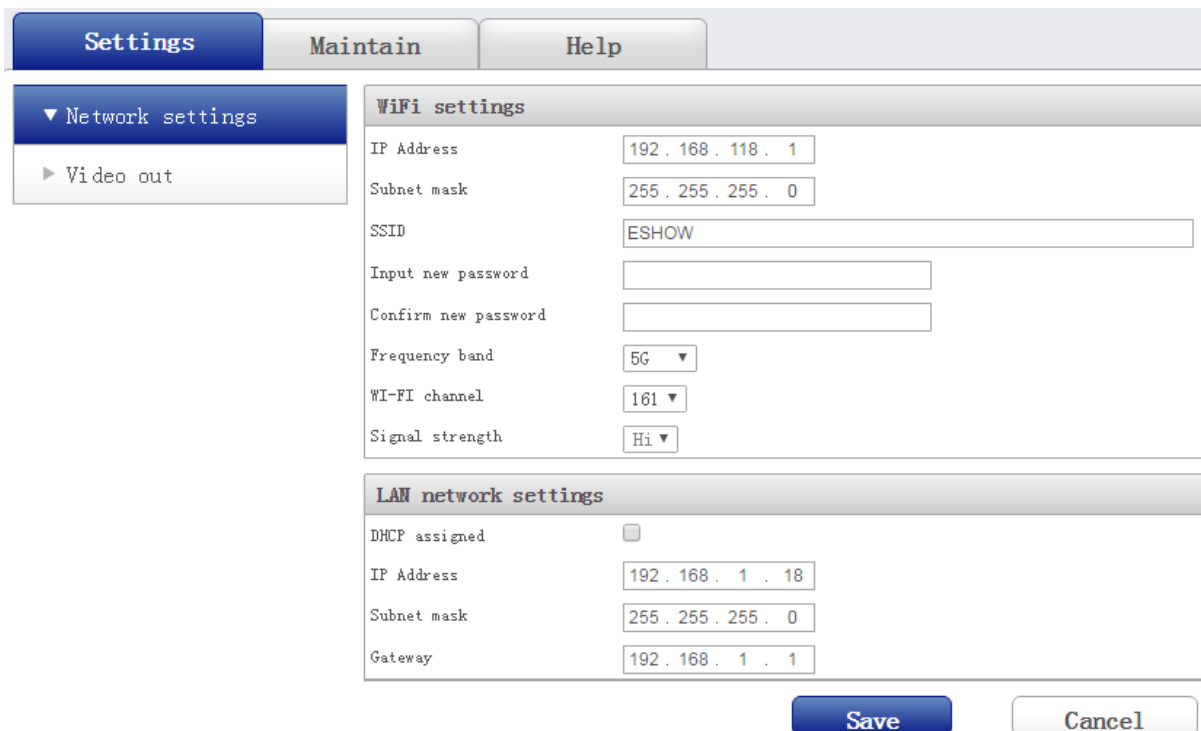
1. Connect to the Base Unit wireless network. The default SSID and password are 'ESHOW+Mac ID' and '12345678'.
 - a) Make sure the frequency band of the Base Unit is set to 2.4GHz if the computer or the portable device doesn't support 5GHz, or those devices will not be able to connect to the Base Unit via the wireless network
2. Open a browser, and browse to the Wi-Fi IP address shown in the top left corner of the welcome screen, then a login screen appears
3. Enter the user name and the password and click Login. By default, the user name and the password are set to 'admin' (case-sensitive). Then the web interface opens

C. Configuration in the web interface

1. Language setup

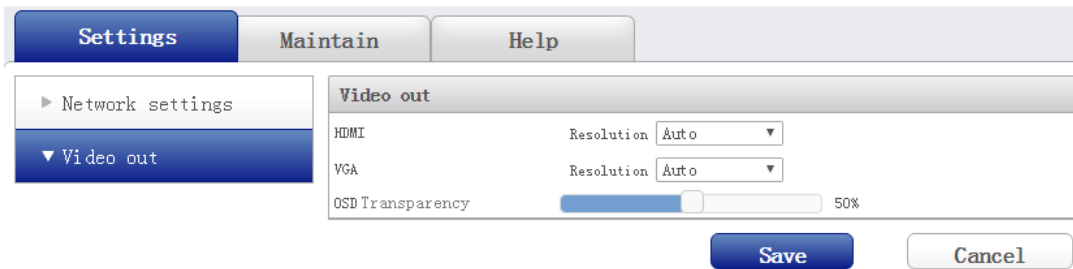


2. Settings→Network settings. Click **Save** to confirm the changes

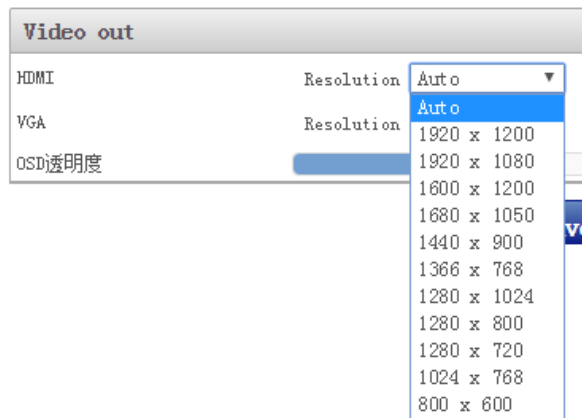
A screenshot of a web interface settings page. The page has three tabs: 'Settings', 'Maintain', and 'Help'. The 'Settings' tab is active. Under 'Settings', there are two sub-menus: 'Network settings' (expanded) and 'Video out'. The 'WiFi settings' section includes fields for IP Address (192.168.118.1), Subnet mask (255.255.255.0), SSID (ESHOW), Input new password, Confirm new password, Frequency band (5G), WI-FI channel (161), and Signal strength (Hi). The 'LAN network settings' section includes a checkbox for DHCP assigned (unchecked), IP Address (192.168.1.18), Subnet mask (255.255.255.0), and Gateway (192.168.1.1). At the bottom right, there are 'Save' and 'Cancel' buttons.

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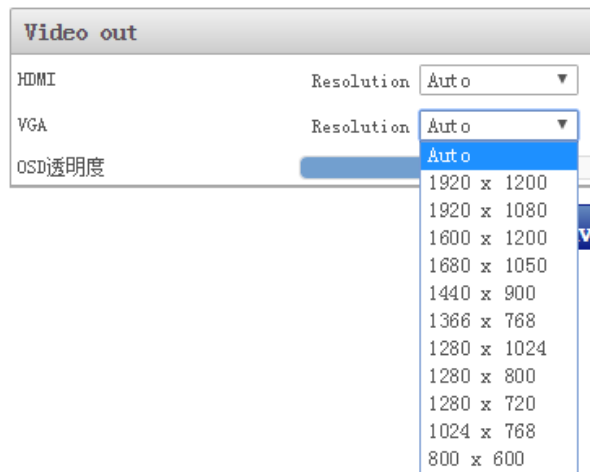
3. Settings→Video out. Click **Save** to confirm the changes



HDMI Resolution list



VGA Resolution list



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4. Maintain→Status

The screenshot shows the 'Maintain' menu with 'Status' selected. The main content area displays two sections: 'LAN network status' and 'WiFi status'.

LAN network status	
DHCP	<input type="checkbox"/>
IP Address	192.168.1.18
Subnet mask	255.255.255.0
Gateway	192.168.1.1
MAC address	b6:c5:82:ef:3f:38

WiFi status	
IP Address	192.168.118.1
Subnet mask	255.255.255.0
MAC address	02:1a:11:f8:df:8e
SSID	ESHOW
Frequency band	5G
WI-FI channel	161
Signal strength	100

5. Maintain→Reset factory. Click **Reset** to execute factory reset

The screenshot shows the 'Maintain' menu with 'Reset factory' selected. The main content area displays a 'Reset factory' section with a green 'Reset' button.

6. Maintain→Password. Click **Save** to confirm the changes

The screenshot shows the 'Maintain' menu with 'Password' selected. The main content area displays a 'Change administrator password' form with three input fields and a 'Save' button.

Change administrator password	
Input Current password	<input type="password"/>
Input new password	<input type="password"/>
Confirm new password	<input type="password"/>

Save

7. Help→Version

The screenshot shows the 'Help' menu with 'Version' selected. The main content area displays the 'Version' section with the text 'V2.1.4'.