Type-C Casting Dongle

eShare D30



User Manual

AV Access

Table of Contents

Introduction **2**
- Overview 2
- Features 2
- Package Contents 2
- Panel 3

Application **4**

Specifications **13**

Warranty **14**

Introduction

Overview

This product is a USB type-C based wireless screen sharing dongle. It supports sharing contents from sources (e.g., laptop) to a display device wirelessly through our AV equipment (such as eShare W90, hereinafter referred to as receiver). It supports transmitting up to 4K@30fps video signal with audio, and also features USB camera signal return and USB speakerphone signal return with a desktop application.

The device also supports plugging and playing, and fully compatible with most operation systems, like Windows 10/11, Mac OS.

Features

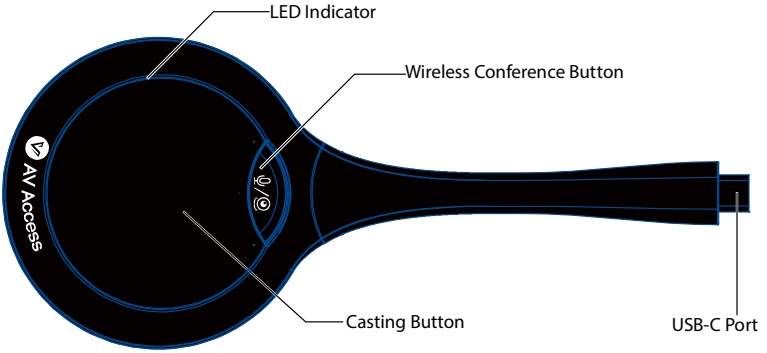
- Support up to 4K@30fps video wirelessly transmitting with low latency.
- Support wireless video conference by wirelessly connecting with USB camera and USB speakerphone on receiver with a desktop application.
- Plug and play, no installation and no driver are needed for wireless casting.
- Quick and simple, just press the button for wireless casting and wireless conference.
- Support 5G and 2.4G frequency bands.
- Support transmitting an enough distance to meet requirements in meeting room scenario.
- Compatible with main-stream OS, like Windows 10/11, Mac OS.

Package Contents

Please check the package contents before starting the installation:

- Dongle x 1
- User Manual x 1

Panel



Name	Description
LED Indicator	a. Running lights (Blue, counterclockwise): The dongle is starting / The dongle is pairing up with the receiver (connected with a receiver) / WiFi is disconnected. b. Solid on Blue: The dongle is paired up with the receiver successfully / The dongle is preparing for casting screen (connected with a source computer) / The dongle is upgraded successfully. c. Solid on dark blue: The dongle is casting screen. d. Blinking 2 times/s (blue): The dongle is in the process of upgrading. e. Solid on red: The dongle is failed to be paired with the receiver (connected with a receiver) / The dongle is failed to upgrade firmware (connected with a receiver) / The Type-C port of the source doesn't support transmitting video (connected with a source computer).
Casting Button	After successfully paired up with the receiver, connect the dongle to a source (such as a laptop): a. Casting screen: Press the button once.

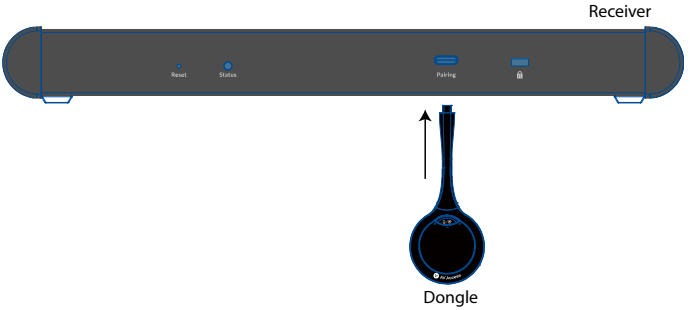
Name	Description
	b. Disconnecting the screen casting: Press the button once. c. Frozen the screen: Press the button twice in 1s in projecting process. d. Unfrozen the screen: Press the button once in frozen status to exit and back to sharing status. e. Enter full-screen mode: Hold the button for about 3s to enter full-screen mode in multiple screens mode.
Wireless Conference Button	When press wireless conference button, it is wireless connection USB devices on the receiver and the indicator below the button lights green. This function is only effective if the "eShare" application is installed and running.
USB-C Port	USB type-C port. Connect to the receiver (such as eShare W90) for pairing up, or connect to a source device with Type-C port (the USB Type-C port should support video and audio transmission, such as laptop) for casting screen.

Application

1. Pair the USB dongle with the receiver (take eShare W90 as an example).

   Note: More detail operations about the receiver, please refer to its own user manual.

   a. Connect the USB dongle to the "Pairing" port of the receiver for pairing. Then "Pairing…" will appear on the display screen connected to the receiver. The dongle's LED will be in running light status.



b. Once pairing is done, “Pairing Successful” will appear on the display screen. The dongle’s LED will be solid on blue.

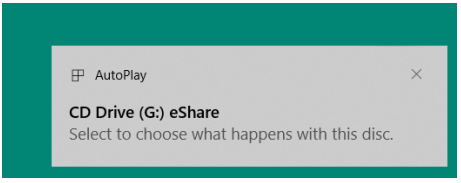
2. Connect the dongle to a laptop.

After the pairing is successful, unplug the dongle from the receiver and connect it to the USB Type-C port of a laptop, it will start running and connecting to the receiver. The LED will still solid on blue, and the dongle is ready for sharing.

Note: The USB Type-C port of the laptop the dongle connected must support transmitting video and audio.

<u>First install of “eShare” Application:</u>

- Install the application on the laptop running Windows operation system:
  1) Insert the dongle into the laptop, a pop-up will appear in the bottom right corner of the desktop. Click it, and in the next pop-up, select “Run eShare-Setup.vbs” in next pop-up to install the application.



Note: If the pop-up doesn’t appear in the bottom right corner of the desktop, users can open the File Explorer

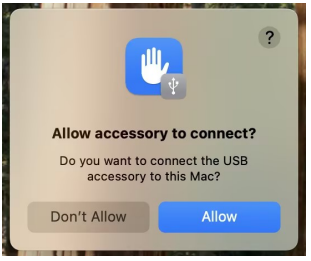
on the laptop, navigate to the section of “My Computer” or “This PC”, and double click “CD Drive (G:) eShare” to install the application automatically.

2) The installation process will perform background and the application will run automatically after the installation is successful.

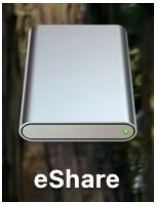
3) The application window appears in the lower right corner of the desktop, and after about 5s the window will minimize to task bar (icon:).

- Install the application on the MacBook:

1) Insert the dongle into the MacBook, and click “Allow” in the pop-up.

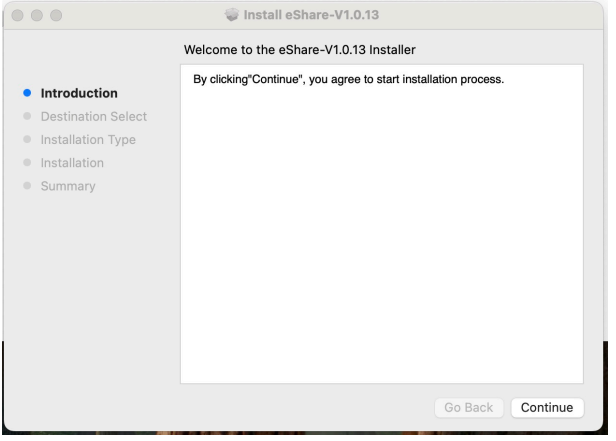


A disk named as “eShare” will appear on the desktop.

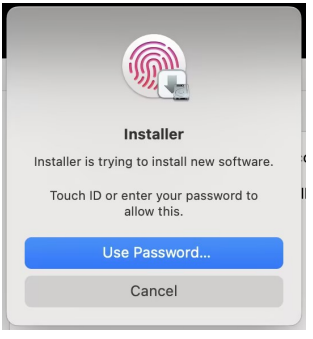


2) Double-click the disk icon to open it, and double-click the software to install it according to the on-screen instructions.





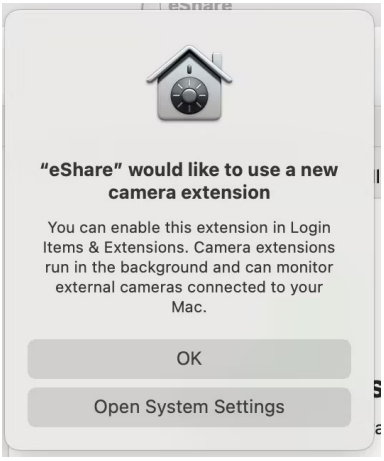
3) Click "Continue" to install the application.
Before starting installation process, users need to use the correct touch ID, face ID or password to enable the installation to process. For example:



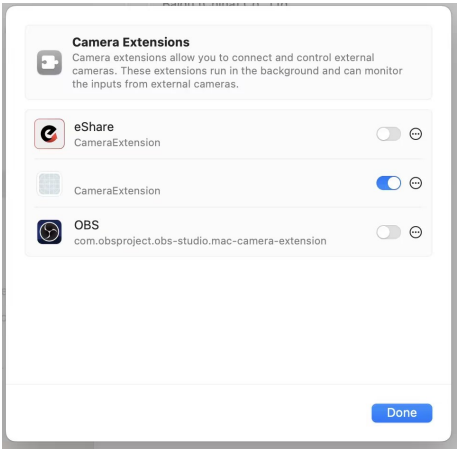
Note: Some relevant permissions requirements may

pop up in the installation process, users need to allow the permissions.

For example:



Click "Open System Settings" to enter the following setting page:

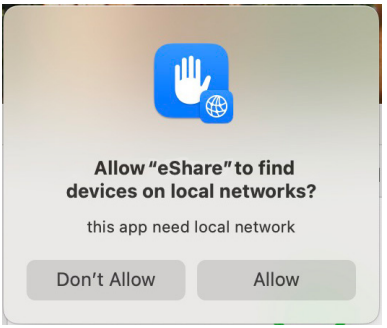


Click the button after "eShare", and input correct touch ID, face ID or password to allow the permission, and click "Done" to back the installer interface.

Note: The Camera Extension permission of "eShare" needs to set to enable, otherwise the camera the

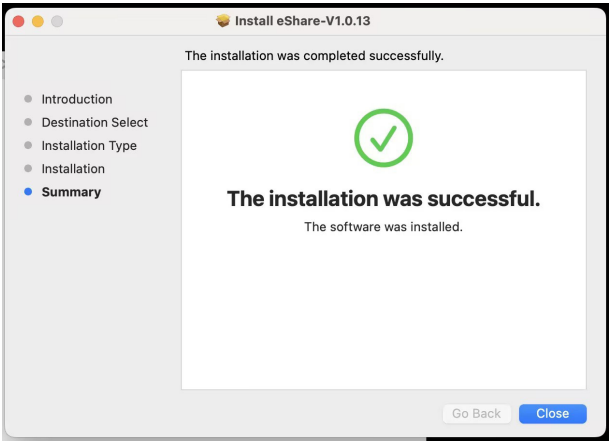
receiver connected can't be used.

Or:



Click "Allow" to enable the application to find devices on local network and back the installer interface.

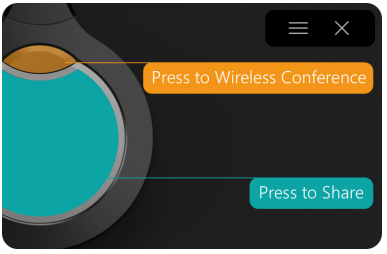
4) Upon successful installation, the installer will display the following interface. Click "Close" button to exit the installer.



5) The application window appears in the lower right corner of the desktop when the installation is successful and after about 5s the window will minimize to menu bar (icon:).

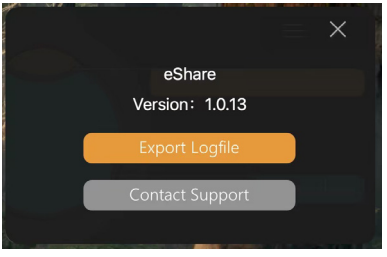
Note: When installing this application, the MacBook using Intel chips need to have system version 13.0 or higher, and

using M series chips need to have system version 12.3 or higher.



The Instruction of "eShare" Application:

- The main interface introduces the button operation of the dongle.
- ☰: Click the icon to check the application version, export log file and contact support.



  - ➢ Export Logfile: Click to export log file to local PC.
  - ➢ Contact Support: Click to jump to the support website.
- ☒: Click the button minimum the application to the task bar / menu bar.

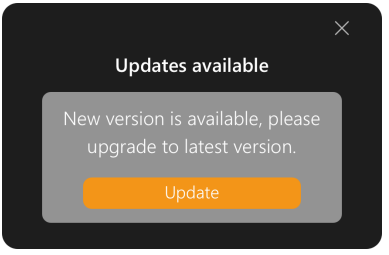
Note:

- If users want to exit the application, use right button of the mouse and select "Exit" (windows OS) or "Quit" (Mac OS) to exit.
- Unplug the dongle when the application is running, and then insert the dongle, the text prompts are as follows:





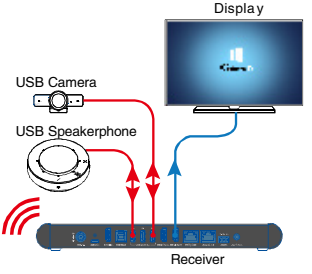
- When the application installed on the laptop is not the latest version, it will prompt to update the latest version when users plug in the dongle. Click “Update” to update the application to the latest version.



- Whether the application is installed or not does not affect the operation of the big button of the dongle.

3. Casting screen.
   Press the button of the dongle once, the laptop’s screen will be cast to the display the receiver connected. The LED will light dark blue.





   a. Enter full screen mode
      When there are multiple screens (including screen projected through the dongle) shown on the sink display, hold press the dongle’s button for about 3 seconds, you can have your

laptop's screen (cast through the dongle) displayed in full screen.

b. Freeze/unfreeze the screen

In the process of casting screen, press the button twice in 1s, the cast screen will be frozen, and the audio cast through the dongle is also paused. A transparent pause icon will appear on the center of the cast screen. Press the button once again to exit the frozen status. The icon will disappear, and the cast screen will be synchronized with the source device to display.

Note: The freezing function doesn't affect the source device.

c. Disconnect the casting

During the process of casting screen, press the button once to disconnect the casting.

d. Wirelessly connected with USB camera and USB speakerphone

When plug in the dongle, the wireless conference feature is disabled, users need to install and run the application on the source laptop, and press the wireless conference button, the USB signal return function can be enabled. A USB camera and a speakerphone are connected to the receiver, the signals from these USB devices will return to the source device through the dongle.

When the wireless conference button of another dongle is pressed, the USB host will be switched to this dongle, and its LED indicator below the button will light green. The LED indicator below the wireless conference button of the previous dongle will be off.

Note:

- This feature will only work when the "eShare" is running.
- This function only works in single screen mode.

When USB camera and USB speakerphone signals are

connected to the source through the dongle, they can be detected by the system and specific application in the name of the following:

USB Camera: Room Camera

USB Speakerphone: Room Audio

Specifications

Technical	
Max Resolution	4K @ 30fps
Terminal Type	1 x USB Type-C
Frequency	5GHz (default) and 2.4GHz
Wireless transmission protocol	IEEE 802.11 a/b/g/n, IEEE 802.11ac
Authentication protocol	WPA2-PSK or IEEE 802.1X

USB	
Operate System	Windows 10/11, Mac OS
USB Port	USB Type-C Port

General	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge)/ ±4kV (Contact discharge)
Input Voltage	5V (Power over USB)
Power Consumption (Max)	3.023W
Product size (φ x h x l)	69mm x 15.34mm x 165.2mm/2.72" x 0.60" x 6.50"
Product Weight	60g/0.13lb (net weight)

Warranty

Products are backed by a limited 1-year parts and labor warranty. For the following cases AV Access shall charge for the service(s) claimed for the product if the product is still remediable and the warranty card becomes unenforceable or inapplicable.

1. The original serial number (specified by AV Access) labeled on the product has been removed, erased, replaced, defaced or is illegible.
2. The warranty has expired.
3. The defects are caused by the fact that the product is repaired, dismantled or altered by anyone that is not from an AV Access authorized service partner. The defects are caused by the fact that the product is used or handled improperly, roughly or not as instructed in the applicable User Guide.
4. The defects are caused by any force majeure including but not limited to accidents, fire, earthquake, lightning, tsunami and war.
5. The service, configuration and gifts promised by salesman only but not covered by normal contract.
6. AV Access preserves the right for interpretation of these cases above and to make changes to them at any time without notice.

Thank you for choosing products from AV Access.

If you have any question, please contact us via the following emails:
General Enquiry: info@avaccess.com
Customer/Technical Support: support@avaccess.com



AV Access