

Type-C Casting Dongle

eShare D20



User Manual

 AV Access

FCC SAR

1. The radiated output power of this device is below the FCC radio frequency exposure limits. Nevertheless, the device should be used in such a manner that the potential for human contact is minimized during normal operation.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/Kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. To avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna should be minimized.

For body worn operation, this model phone has been tested and meets the FCC RF exposure. Guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal and that positions the handset a minimum of 0mm from the body.

2. The maximum SAR value is 0.690W/kg when the phone used 0mm close to user.

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following 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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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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 W80, hereinafter referred to as receiver). It supports transmitting up to 4K@30fps video signal with audio, USB camera signal return and USB speakerphone signal return.

The device also supports plugging and playing, and fully compatible with most operation systems, like Window7/10/11, Mac OS, Android OS.

Features

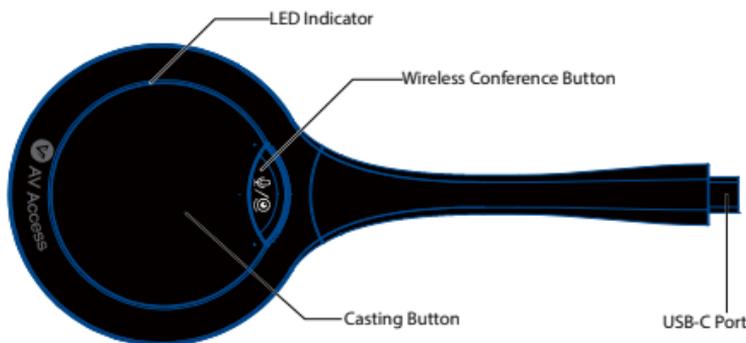
- Support up to 4K@30fps video wirelessly transmitting with low latency.
- Support wireless video conference by wirelessly connecting with USB camera and USB speakerphone on receiver.
- Plug and play, no installation and no driver are needed.
- Quick and simple, just press the button to transmit video and audio.
- 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 Window7/10/11, Android OS, Mac OS.

Package Contents

Before you start the installation of the product, please check the package contents:

- Dongle x 1
- User Manual x 1

Panel



Name	Description
LED Indicator	<p>a. Marquee (Blue, counterclockwise): The dongle is starting / The dongle is pairing up with the receiver (connected with a receiver) / WiFi is disconnected.</p> <p>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.</p> <p>c. Solid on dark blue: The dongle is casting screen.</p> <p>d. When press the wireless conference button (Request to establish USB return channel), there are three LED indicator statuses:</p> <ol style="list-style-type: none"> 1) Solid on blue + solid on green (LED indicator below the wireless conference button): Press the wireless conference button in the status of preparing for casting screen; 2) Solid on red + solid on green (LED indicator below the wireless conference button): The USB Type-c port of the laptop doesn't

Name	Description
	<p>support video transmission;</p> <p>3) Solid on dark blue + solid on green (LED indicator below the wireless conference button): Press the wireless conference button in the status of casting screen.</p> <p>e. Blinking 2 times/s (blue): The dongle is in the process of upgrading.</p> <p>f. 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).</p>
Casting Button	<p>After successfully paired up with the receiver, connect the dongle to a source (such as a laptop):</p> <p>a. Casting screen: Press the button once.</p> <p>b. Disconnecting the screen casting: Press the button once.</p> <p>c. Frozen the screen: Press the button twice in 1s in projecting process.</p> <p>d. Unfrozen the screen: Press the button once in frozen status to exit and back to sharing status.</p> <p>e. Enter full-screen mode: Hold the button for about 3s to enter full-screen mode in multiple screens mode.</p>
Wireless Conference Button	<p>When press wireless conference button, it is wireless connection USB devices on the receiver and the indicator below the button lights green.</p>
USB-C Port	<p>USB type-C port. Connect to the receiver (such as eShare W80) for pairing up, or connect to a source device with Type-C port (the USB Type-C port should</p>

Name	Description
	support video and audio transmission, such as laptop) for casting screen.

Application

1. Pair the USB dongle with the receiver (take eShare W80 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 marquee status.



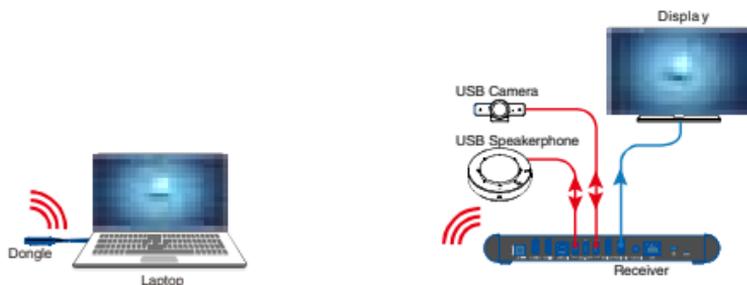
- b. Once pairing is done, "Pairing Successful" will appear on the display screen. The dongle's LED will be solid on blue.
2. Connect the dongle to a laptop.

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.

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 the dongle, the wireless conference feature is disabled, when press the wireless conference button, and 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.

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
Working principle	GNSS
USB	
Operate System	Windows 7/10/11, Mac OS, Android 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

Type-C 无线投屏器

eShare D20



用户手册



视连捷
AV Access

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简介

概述

该产品是一款 Type-C 无线投屏器（以下简称为投屏器）。它支持从源设备（如笔记本电脑）无线投屏到我司 AV 设备（如 eShare W80，以下统称为接收端）连接的显示设备。它支持带音频的 4K@30fps 的视频信号传输，还支持 USB 摄像头信号回传和 USB 全向麦信号回传功能。

本产品即插即用，完全兼容大多数操作系统，如 Window7/10/11、Mac OS、Android OS。

特性

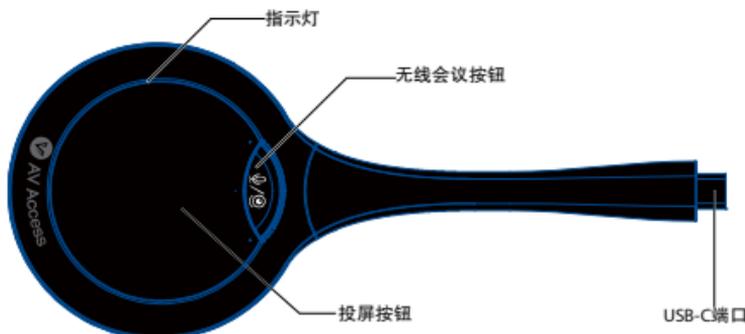
- 支持高达 4K@30fps 的低延迟无线视频传输。
- 支持无线连接接收端的 USB 摄像头和 USB 全向麦进行视频会议。
- 即插即用，无需安装和驱动。
- 方便快捷，只需要点击按钮就可以传输视频和音频。
- 支持 5G 和 2.4G 频段，更加稳定可靠。
- 传输距离满足会议室场景的需求。
- 兼容主流操作系统，如 Window7/10/11、Android OS、Mac OS。

包装配件

在开始使用本产品前，请通过下列明细检查包装配件：

- 投屏器 x 1
- 用户手册 x 1

面板



名称	描述
指示灯	<p>a. 跑马灯（蓝色，逆时针）：投屏器正在启动 / 投屏器正在与接收端配对（与接收端连接） / WiFi 断开。</p> <p>b. 长亮蓝色：投屏器与接收端配对成功 / 投屏器准备投屏（连接到源电脑） / 投屏器升级成功。</p> <p>c. 长亮暗蓝色：投屏器正在投屏。</p> <p>d. 当按下无线投屏按钮时，指示灯有三种状态：</p> <ol style="list-style-type: none"> 1) 长亮蓝色 + 长亮绿色（无线会议按钮下面的指示灯）：在准备投屏的状态按下无线会议按钮； 2) 长亮红色 + 长亮绿色（无线会议按钮下面的指示灯）：连接的笔记本的 Type-C 端口不支持视频传输时按下无线会议按钮； 3) 长亮暗蓝色 + 长亮绿色（无线会议按钮下面的指示灯）：在投屏状态下按下无线会议按钮。 <p>e. 闪烁 2 次/s（蓝色）：投屏器正在升级。</p> <p>f. 长亮红色：投屏器配对失败（和接收端连接时） / 投屏器升级失败（和接收端连接时） / 投屏器连接的源设备的 Type-C 端口不支持视频传输。</p>
投屏按钮	<p>当投屏器与接收端配对成功后，将投屏器插到源设备上：</p> <ol style="list-style-type: none"> a. 投屏：按一次投屏器按钮。

名称	描述
	b. 断开投屏：投屏过程中再按一次投屏器按钮。 c. 冻结屏幕：投屏过程中 1s 内按 2 次投屏器按钮。 d. 退出冻结状态：冻结状态时，再按 1 次投屏器按钮退出并返回到投屏状态。 e. 全屏模式：多屏显示模式时，长按该按钮约 3s，该投屏器投屏的画面全屏显示。
无线会议按钮	按下无线会议按钮时，接收器上的 USB 设备可以与投屏器进行无线连接，按钮下方指示灯亮绿色。
USB-C 端口	USB Type-C 端口。连接接收端（比如 eShare W80）进行配对，或连接带 USB Type-C 端口的源设备（支持音视频传输，比如笔记本）进行投屏。

应用

- 将投屏器与接收端配对（以接收端 eShare W80 为例）

注：关于接收端的操作，请参考接收端的说明书。

- 将投屏器插入接收端的配对端口进行配对。



- 此时接收端连接的显示器上将出现“Pairing...”字样，投屏器的指示灯处于跑马灯状态。配对成功后，显示器上面会显示“Pairing Successful”。投屏器的指示灯长亮蓝色。

- 连接投屏器到笔记本电脑

配对成功后，从接收端拔下投屏器，插入电脑的 USB Type-C

接口，投屏器开始与接收端进行连接，指示灯长亮，投屏器为投屏做准备。

注：笔记本用来连接投屏器的 Type-C 接口必须支持音视频传输。

3. 投屏

按 1 次投屏器的投屏按钮，笔记本的屏幕将会投屏到接收端连接的显示器上。投屏成功，投屏器指示灯亮暗蓝色。



a. 进入全屏模式

当显示器显示多个画面时（包含投屏器投屏的画面），长按投屏器的按钮约 3s，可以使投屏器投屏的画面全屏显示。

b. 冻结/解冻屏幕

在投屏过程中，1s 内按 2 次投屏器的按钮，投屏的画面将被冻结，通过投屏器投屏的音频也同样被暂停。屏幕中央将显示一个透明的暂停按钮，再按下投屏器按钮 1 次，投射的屏幕将会取消冻结返回投屏状态，投屏音视频将与源设备继续同步。

注：投屏功能不会影响源设备。

c. 断开投屏

投屏过程中，按 1 次投屏器按钮断开投屏。

d. 无线连接 USB 摄像头和 USB 全向麦

当插入投屏器时，无线会议功能是关闭的。按下无线会议按钮，当接收端连接了 USB 摄像头和全向麦时，这些 USB 设备的信号将会通过投屏器回传到投屏器连接的源设备。

当按下另一个投屏器的无线会议按钮时，USB host 切换至该投屏器，该投屏器无线会议按钮下的指示灯亮绿色。前一个连接的投屏器无线会议按钮下的指示灯熄灭。

当 USB 摄像头和 USB 全向麦信号通过投屏器回传至源设备时，可以通过源设备的系统和某些应用检测到名称为：

USB 摄像头：Room Camera

USB 全向麦：Room Audio

规格

技术	
最大分辨率	4K @ 30fps
接口类型	1 x Type-C
频率	5GHz (默认) , 2.4GHz
无线传输协议	IEEE 802.11 a/b/g/n, IEEE 802.11ac
认证协议	WPA2-PSK 或者 IEEE 802.1X
工作原理	GNSS
USB	
操作系统	Windows 7/10/11、Mac OS、Android OS
USB Port	USB Type-C 端口
通用	
操作温度	0°C 到 40°C (32°F 到 104°F)
存储温度	-20°到 60°C (-4°F 到 140°F)
湿度	10%到 90%，无冷凝
ESD 保护	人体防护模式： ±8kV (气隙放电)/±4kV (接触放电)
输入电压	5V (通过 USB 口供电)
功耗 (最大)	3.023W
产品尺寸 (φ x h x l)	69mm x 15.34mm x 165.2mm
产品重量	60g

产品质保

本产品提供一年的零件和人工保修服务。在以下情况下，如果产品仍可补救且保修卡不可执行或不适用，视连捷将就该产品所主张的服务收费。

1. 产品上标有的原始序列号（由视连捷指定）已被删除，擦除，更换，污损或难以辨认。
2. 保修已过期。
3. 由非视连捷授权服务合作伙伴的人员修理，拆卸或更改产品而产生的产品缺陷。这些缺陷由以下事实造成：未按适用的《用户手册》中的说明粗略地或不正确地使用或搬运产品。
4. 缺陷是由不可抗力引起的，包括但不限于事故，火灾，地震，闪电，海啸和战争。
5. 仅由销售人员承诺的服务，配置和礼品，但不包含在常规合同范围内。视连捷保留解释以上这些情况的权利，并随时对其进行更改，恕不另行通知。

感谢您选择视连捷的产品。

如有任何问题，请通过以下邮箱联系我们：

普通咨询：info@avaccess.com

售后/技术支持：support@avaccess.com



注意事项

1. 不得打开、拆解或修理本产品。
2. 不要在炎热、寒冷、尘土飞扬或潮湿的环境下使用；请用干布擦拭该设备。
3. 尽可能地避免抛掷，严重的抛掷力可能会造成机械损坏、故障或划伤表面。

有害物质声明

根据中国《电子信息产品污染控制管理办法》

有害物质										
部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr +6)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二异丁酯 (DIBP)	邻苯二甲酸二(2-乙基己基)酯 (DEHP)	邻苯二甲酸二丁基酯 (DBP)	邻苯二甲酸甲基丁基酯 (BBP)
电缆	○	○	○	○	○	○	○	○	○	○
电路板组件	○	○	○	○	○	○	○	○	○	○
塑料部件	○	○	○	○	○	○	○	○	○	○
金属部件	○	○	○	○	○	○	○	○	○	○
橡胶部件	○	○	○	○	○	○	○	○	○	○

本表格根据SJ/T 11364的规定编制
○ = 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。

产品保修

保修期限	
购买日期	
购买地点	
产品序列号	
商品编号	
盖章	

日期	维修情况



AV Access