

User Manual

Eshare



2020

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1. ABOUT ESHARE

EShare is a set of multi-screen interactive software applications designed for sharing, wireless display and remote control between mobile devices (such as phones, tablets, laptops, etc.) and large displays.

1.1 MAIN FEATURES

- **File sharing:** share any file (such as audio, video, photo, office document, PDF, e-book, APK, etc.) from a mobile phone or tablet to large displays.
- **Remote control:** supports wireless control via wireless mouse, air mouse, keyboard, touchpad, remote controller, etc.
- **Wireless camera and microphone:** share the images or audio from your phone camera or microphone to the large display in real-time.
- **TV Mirror:** mirror the large display to the client device, and touch to control the large display via the client device.
- **Mirroring:** mirror the client device screen (such as iPhone, iPad, Android device, MacBook, Chromebook, Windows PC and Ubuntu PC, etc.) to the large display or projector, and touch to control client devices from the large display without touch control cable, VGA or HDMI.
- **AirPlay:** share images, audio, videos, screen of iPhone or iPad to the large display with the feature of "Screen Mirroring" of iPhone or iPad.
- **DLNA:** support any client APP compatible with DLNA protocol.
- **Wireless annotations:** annotate the large display via phone in real-time inside the TV mirror function.
- **Multiple screens:** share multiple device screens to a large display at the same time, and the screen of the large display will be split automatically.
- **Display group:** users can share their screen from one client device to multiple large displays wirelessly.
- **Moderator control mode:** the moderator can control the client devices for screen sharing, TV Mirror, wireless annotations, full-screen display, etc.

1.2 FEATURE LIST

Feature Description	
Video	All popular video formats
Audio	All popular video formats
Images	Share images
	Real-time scaling
	Rotate
Documents	All Office documents
	PDF and others
Remote control	Wireless mouse
	Air mouse
	Wireless keyboard (supporting the input methods of voice, writing...)
	Wireless touchpad
	Common keys (Home, Menu, Back, Vol+/-, etc.)
	Application list of large display
Camera	Wireless camera
Wireless annotations	Annotate the large display via phone in real-time
TV mirror	Mirror the large display to phone or laptop, and touch on the client device to control the large display wirelessly
iOS mirroring	Mirror the screen of the iOS device to the large display
Android mirroring	Mirror the screen of the android device to the large display, and support annotations
Windows mirroring	Mirror the screen of Windows PC to the large display, and touch feedback from the large display to PC
macOS mirroring	Mirror MacBook screen to the large display, and touch feedback from the large display to MacBook
Chrome mirroring	Mirror the screen of Chromebook to the large display
Ubuntu mirroring	Mirror the screen of Ubuntu PC to the large display
DLNA	Support any APP compatible with DLNA protocol
Multiple screens	Share multiple screens to the large display, and the screen of the large display will be split automatically
Moderator control	Control the client devices for screen sharing, TV Mirror, wireless annotations, full-screen display and so on.

1.3 CLIENT REQUIREMENTS

Please ensure the client devices meet the following requirements:

- Android 5.0 or later
- Mac OS 10.9 or later
- iOS 9.0 or later
- Windows 7/8/10
- Chrome OS
- Ubuntu 12.04 or later

1.4 NETWORK REQUIREMENTS

ESHAREPRO

Please ensure that ESharePro and EShare client apps are in the same network.

TCP Ports: 56789, 25123, 8121 & 8000

UDP Ports: 48689, 25123

DNS: h1.ee-share.com

Please enable the broadcast function of the router.

To get a highly reliable, robust user experience, it is strongly recommended to connect the large display using Ethernet and the client device using a 5GHZ Wi-Fi band.

AIRPLAY/IMIRROR

Please ensure that the mDNS of network/AP/router (if possible) is enabled.

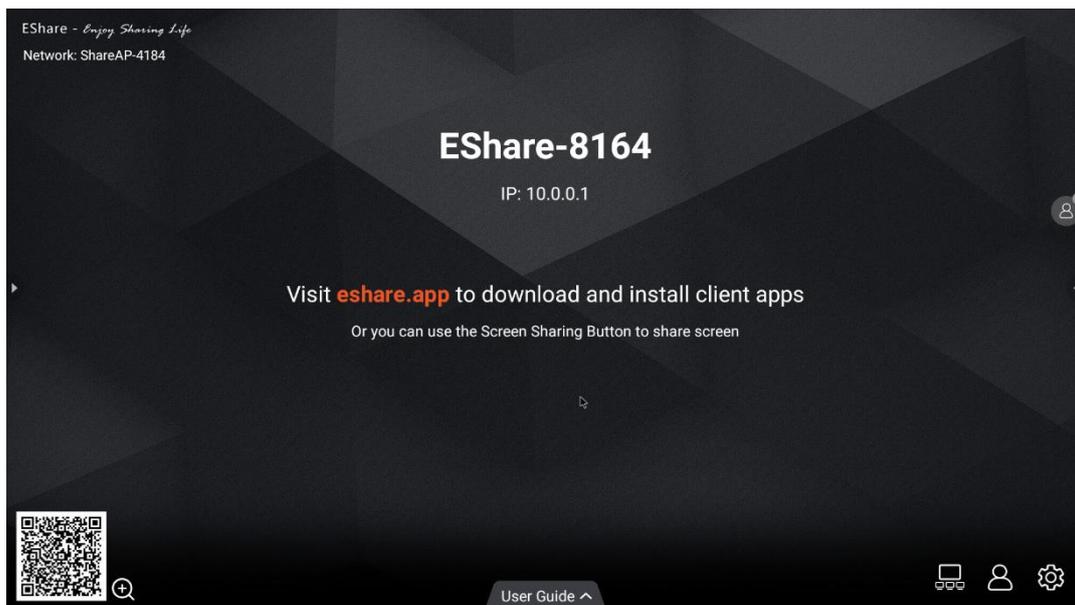
TCP Ports: 51040, 51030, 51020 & 51010

UDP Ports: 5353 (mDNS to broadcast AirPlay)

2. ESHARE APP GUIDE

2.1 DOWNLOAD THE ESHARE APP

Please ensure that your client device and the large display are in the same network, and then launch “ESharePro”. Next, scan the QR-code or visit “eshare.app” to download and install the EShare app.



2.2 GUIDE FOR ANDROID CLIENT DEVICES

2.2.1 CONNECT TO THE LARGE DISPLAY

Please ensure that your client device and the large display are in the same network.

- **Set “Device Name” as the connection mode (default setting):** launch the EShare app, and EShare will automatically search for large display devices in the same network, and then select the device in the device list to connect to the large display. Or you can enter IP or PIN code to connect to the large display.
- **Set “PIN Code (6 digits)/PIN code (8 characters)” as the connection mode:** launch the EShare app and enter the PIN code to connect to the large display.
- **Scan QR-code to connect:** launch EShare app and scan the QR code to connect to the large display.