
ESHARE USER GUIDE

Version 3.0

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EShare Technology Co., Ltd.

Version History

Version	Date	Notes	Document Name
v1.0	Apr. 4, 2016	First release.	EShare User Guide v1
v2.0	Sep. 20, 2018	Add the feature description of multi screens.	EShare User Guide v2
V3.0	Sep. 27, 2018	Add the feature description of display group.	EShare User Guide v3

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1. ABOUT ESHARE

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

1.1 Main Features

- **File sharing:** share any file (such as audio, video, photo, office document, PDF, etc.) from mobile phone or tablet to large displays.
- **Remote control:** support wireless control via wireless mouse, air mouse, keyboard, touchpad and remote controller, etc.
- **Wireless camera:** share the images or audio from 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, etc.) to the large display or projector.
- **AirPlay:** share images, audio, videos, screen of iPhone or iPad to the large display.
- **DLNA:** support any client APP compatible with DLNA protocol.

1.2 Feature List

Feature Description	
Video	All video formats
Audio	All audio formats
Images	Share images to the large display wirelessly
Documents	All Office documents
	PDF
Remote control	Wireless mouse
	Air mouse
	Wireless keyboard (supporting the input methods of voice, handwriting...)
	Wireless touchpad
	Common keys (Home, Menu, Back, Vol+/-, etc.)
	Application list of large display
Camera	Wireless camera
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 iOS device to large display
Android mirroring	Mirror the screen of android screen to large display, and support annotations
DLNA	Support any APP compatible with DLNA protocol.

1.3 Client Requirement

Please ensure the client meets the following requirements:

- Android 5.0 or later
- Mac OS 10.9 or later
- iOS 9.0 or later

1.4 Network Requirement

1.4.1 EShareServer

Please ensure that EShareServer and EShare Client are in the same subnet as each other.

TCP Ports: 56789, 25123, 8121 & 8000

UDP Ports: 48689, 25123

Please enable WiFi router broadcast function.

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

1.4.2 AirPlay/iMirror

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

TCP Ports: 51040, 51030, 51020 & 51010

UDP Ports: 5353 (mDNS to broadcast Airplay)

2. LAUNCH THE CLIENT AND CONNECT TO ESHARESERVER

2.1 First Use

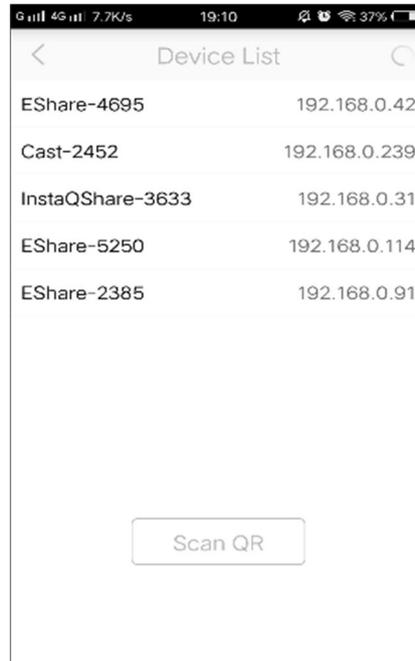
Please ensure that your client device and the large display are in the same subnet as each other, and then launch “EShareServer”. Next, scan QR code or visit the download website with your client device to download and install EShare APP.



2.2 Guide for Android Client Devices

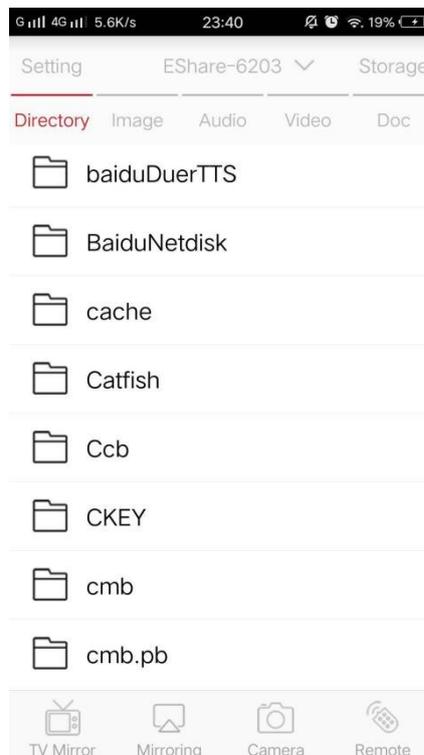
2.2.1 Connect to Large Display

Please ensure that your Android client device and large display are in the same subnet, launch EShare on the phone, it will automatically search large display device. Next, click on the device name you want to connect. Or you can click “Scan QR” to scan the QR-Code showed on the large display to connect to the large display.



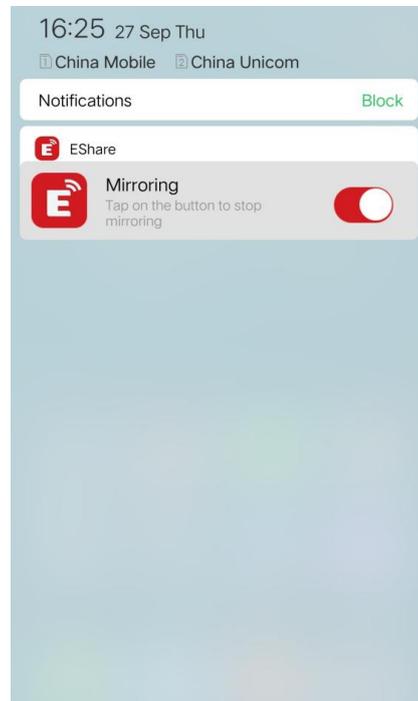
2.2.2 File Sharing

Share any file (such as audio, video, picture, office document, PDF, e-book, APK, etc.) from mobile phone or tablet to large display.



2.2.3 Mirroring

Click “Mirroring” to cast the Android device screen to the large display.



You can enable/disable the mirroring from the notification bar.

2.2.4 TV Mirror

Click “TV Mirror” to mirror the large display to phone, and touch the phone to control the large display.



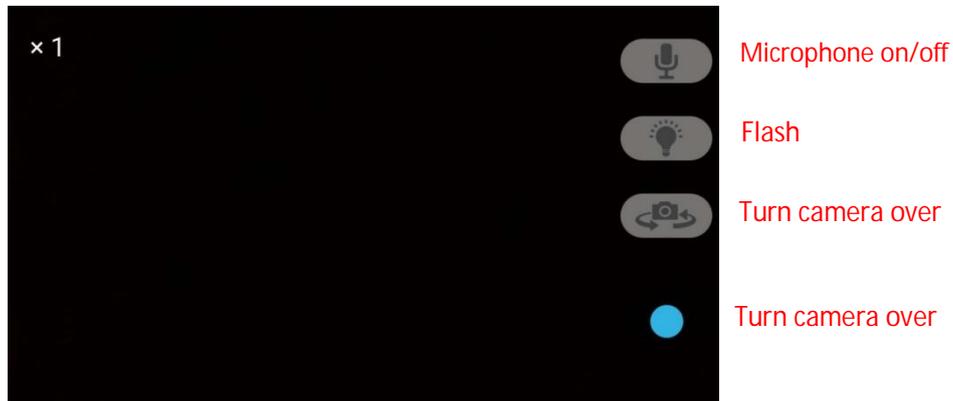
2.2.5 Remote Control

Click "Remote" to act your phone as wireless mouse, remote controller, keyboard, air mouse, etc.



2.2.6 Wireless Camera

Click “Camera” to share the photos or audio from phone camera or microphone to the large display in real time.



2.2.7 Share Files from Other Apps to Large Display

Share files to the large display via EShare from other Apps.



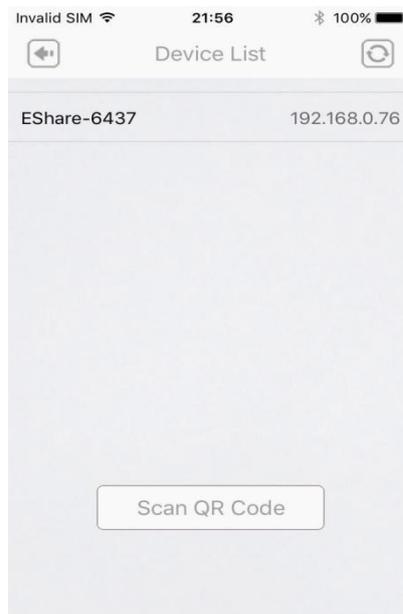
Click “Share” on other APPs such as Albums, File Manager, Browser, etc., and then select “EShare” to share the file to the large display.

Or you can stream files to the large display via other clients compatible with DLNA.

2.3 Guide for iOS Client Devices

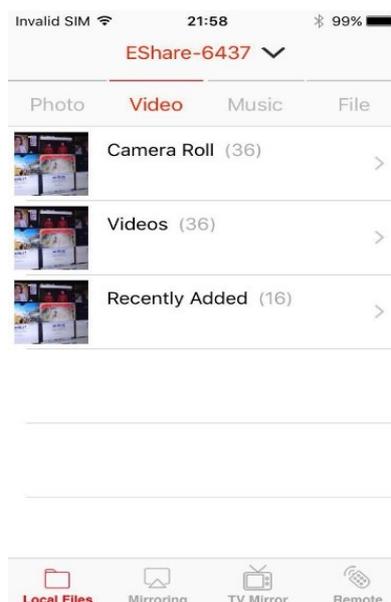
2.3.1 Connect to Large Display

Please ensure that your iOS device and large display are in the same subnet, launch EShare on the phone, it will automatically search large display devices in the same subnet. Next, click the device name you want to connect. Or you can click “Scan QR” to scan the QR-Code to connect to the large display.



2.3.2 File Sharing

Share any file (such as audio, video, picture, etc.) from iOS client to the large display.



2.3.3 Mirroring

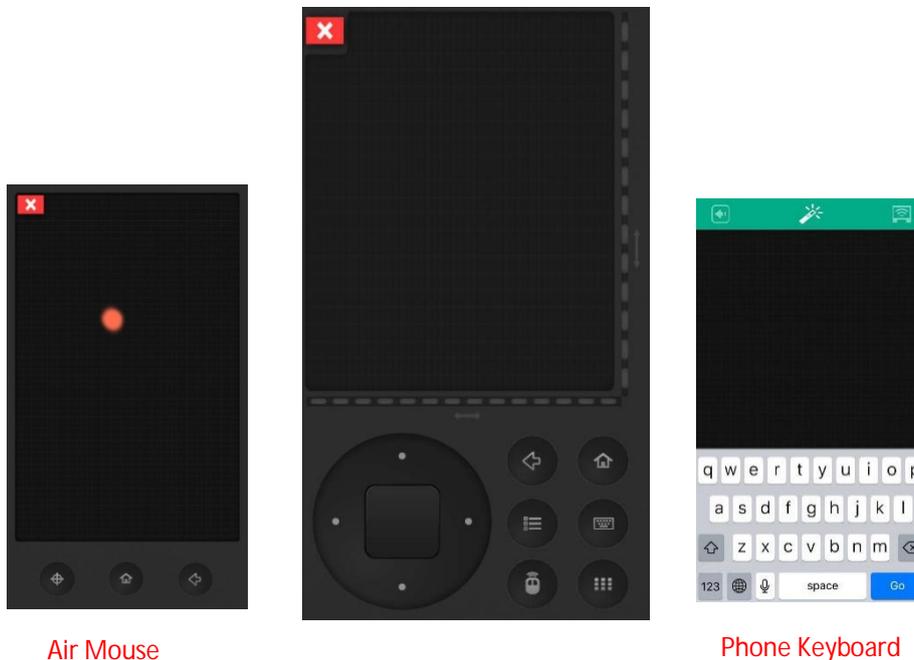
Click “Mirroring” to cast the iOS device screen to the large display. (Or you can mirror your phone screen to the large display via AirPlay.)

2.3.4 TV Mirror

Click “TV Mirror” to mirror the large display to the phone, and you can touch your phone to control the large display.

2.3.5 Remote Control

Click “Remote” to act your phone as wireless mouse, remote controller, keyboard, air mouse, etc.



2.3.6 Share Files from Other Apps to Large Display

Click “Share” on other APPs such as Email, File Manager, Browser, etc., and then select “EShare” to share the file to the large display.