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2026/01/23	首版发行	A
2026/02/28	文案修改料号由 VWS-J58改为VWS-J72	A1
2026/08/06	FCC标语修改 背面二维码删除料号由 VWS-J72改为VWS-K54	A2

正面

VENTION

Selfie Monitor Screen

User Manual | VWS-K54

Introduction

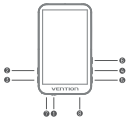
The Vention Magnetic Selfie Monitor Screen lets you view your shot in real time, so you can preview the frame before taking the photo. This helps you control composition and facial expressions in advance, avoiding bad shots altogether. You can easily switch between landscape and portrait modes with one tap—use landscape for wide scenes of vast landscapes or portrait for focused close-ups of people. Powered by advanced technology, it delivers ultra-high-definition image quality with every detail sharp and clear. It also features long-range wireless transmission, freeing you from cables with a stable, lag-free signal, allowing you to capture great moments accurately even from a distance.

Specifications

Model: TLA
Color: White
Interface: USB-C/3.5mm TRRS
Material: ABS
Wireless Network: 5G
Screen Size: 3.97 inches
Resolution: 480 × 800 Pixels
Refresh Rate: 60Hz
Contrast Ratio: 800:1
Color Gamut: 16.7M (60% NTSC)
Brightness: 300 cd/m²
Viewing Angle: 170°
Aspect Ratio: 8:16
Battery Capacity: 1300 mAh
Compatible audio standard: OMTP&CTIA
Power Input: 5V ⎓ 1A
System Compatibility: iOS 16 and Later; Android 7.0 and Later; Harmony OS 2.0 and Later; MagicOS 7.0 and Later; MIUI 12.5.2 and Later; OriginOS 4 and Later; ColorOS 13.1 and Later; realme UI 4.0 and Later; Flyme 10 and Later

Product Overview

1. Button 1: Power switch
2. Button 2: During screen mirroring, short press for full screen | In standby mode, long press 5 seconds to switch channel
3. Button 3: During screen mirroring, short press to toggle mirror/flip, and long press 3 seconds to rotate 180° | In standby mode, long press 5 seconds to switch language between Chinese and English
4. Button 4: Zoom in (+). Short press: zoom once; Long press: continuous zoom
5. Button 5: Zoom out (-). Short press: zoom once; Long press: continuous zoom
6. Button 6: Short press to take photo
7. Charging indicator: Red when charging; Green when fully charged
8. Compatible audio standard: 3.5mm TRRS (OMTP&CTIA)



Channel Settings & Switching Method

Button 2: During screen mirroring, short press for full screen | In standby mode, long press 5 seconds to switch channel

TLAW0-44: Default factory channel: 44 (For countries using ETSI regulations)			
Russia	Germany	France	Italy
Spain	Japan	Korea	Brazil
India	Middle East	Africa	

TLAW0-149/TLAW0-149-CN: Default factory channel: 149 (For countries using FCC regulations)			
USA	Southeast Asia	China	Taiwan, China

Note: 1. Different countries/regions require different channel settings. How to switch channels: Press and hold Button 2 for 5 seconds to change the channel.
2. If channels 44 and 149 cannot be received, you can switch to Channel 165. (Channel 165 is a shared/common channel. In environments with heavy wireless interference, it may experience latency, stuttering, or shorter reception range.)

Instructions for Use

For Android Phones

1. Turn on Screen Mirroring on your phone, search for and connect to "Photo-xxxxx" to mirror the screen.
2. Turn on Bluetooth, search for and connect to "Photo-xxxxx" to enable photo capture and zoom.

For iPhones

1. Turn on Screen Mirroring on your phone, search for and connect to "Photo-xxxxx" to mirror the screen.
2. Turn on Bluetooth, search for and connect to "Photo-xxxxx".
3. Go to phone Settings > Accessibility > Zoom and turn Zoom ON. After enabling Zoom, the screen will appear enlarged. Double-tap the screen with three fingers twice to return to normal view.

FCC Statement

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.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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.
*RF warning for Portable device:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

FCC ID:2A7ZA-TLA

What's in the Box

Selfie Monitor Screen x 1 | USB-A to USB-C Cable x 1 | Auxiliary Magnetic Rings x 1 | User Manual x 1

Q&A:

Q1: Cannot zoom by short press / long press during screen mirroring?
A1: Due to differences in custom implementations across phone brands and models, zoom control via this product may not be supported on some devices. Please adjust the zoom directly on your phone screen.
For details, please refer to the supported models list on the product detail page.

Q2: iPhone fails to screen mirror?
A2: Screen mirroring requires OS 16 or later.

For more interesting information and events, please follow us on social media platforms:

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For warranty service or support, please contact Vention team:
Website: www.ventiontech.com Email: vention@ventiontech.com

Front

背面

VENTION

手机自拍屏

说明书 | VWS-K54

产品介绍

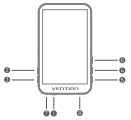
Vention手机磁吸自拍拍屏屏，实时查看，拍摄前就能预览画面，构图、表情管控更精控，拒绝废片。精准拍摄模式随心切换，不管是横低广阔天地的场景，还是聚焦人物特写的温馨，都能一键达成。搭载先进技术，呈现超高清画质，细节分毫毕现，具备远距离传输功能，摆脱线缆束缚，信号稳定不中断，即便被远拍的瞬间也能精准捕捉。

产品参数

型号：TLA
外观颜色：白色
接口类型：Type-C/3.5mm TRRS
外壳材质：ABS
无线网络：5G
屏幕尺寸：3.97英寸
分辨率：480*800P
刷新率：60Hz
对比度：800:1
色域:16.7m（60%NTSC）
屏幕亮度:300cd/m²
屏幕视角:170°
屏幕比例:9:16
电池容量:1300mAh
音频接口：(耳机和麦克风OMTP&CTIA)
电源输入:5V⎓1A
系统支持：iOS：16 以上Android：7.0 以上Harmony OS：2.0 以上MagicOS：7.0 以上MIUI：12.5.2 以上OriginOS：4 以上ColorOS：13.1 以上realme UI：4.0 以上Flyme：10 以上

功能介绍

1. 按键1:电源开关
2. 按键2:投屏开置：一键全屏
   待机界面：长按5s可切换信道
3. 按键3:投屏开置：短按镜像切换; 长按3秒180°旋转
   待机界面：长按5s可切换中英文语种
4. 按键4:变焦+，短按拍一次变焦；长按连续变焦
5. 按键5:变焦-，短按拍一次变焦；长按连续变焦
6. 按键6:按键拍照
7. 充电指示灯:充电中红色，充满绿色
8. 音频接口:3.5mm TRRS，国美标兼容(OMTP&CTIA)



信道说明及切换

按键2:投屏开置：一键全屏
待机界面：长按5s可切换信道

TLAW0-44: 出厂信道：44（采用红下箭颜色国家）			
俄罗斯	德国	法国	意大利
西班牙	日本	韩国	巴西
印度	中东	非洲	

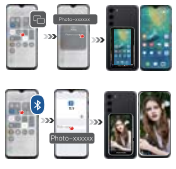
TLAW0-149/TLAW0-149-CN: 出厂信道：149（采用FCC规范要求地区）			
美国	东南亚	中国	中国台湾

注意：1. 不同国家区域需要切换信道使用。同频方式：按键2长按5秒可转换信道
2. 每天选择时隙40分钟左右时，可切换至信道165
(保证6万共同体验，无线环境复杂时可能出现延迟、卡顿、画面模糊等情况)

连接示意图

安卓手机连接方法

1.打开手机扫屏功能,搜索并连接"Photo-xxxxx"连上后即可投屏;
2.打开手机蓝牙功能,搜索并连接"Photo-xxxxx"连上蓝牙后即可实现拍照和变焦功能。



苹果手机连接方法

1.打开手机扫屏功能,搜索并连接"Photo-xxxxx"连上后即可投屏;
2.打开手机蓝牙功能,搜索并连接"Photo-xxxxx"连上蓝牙后即可;
3.手机打开设置-通用-功能-辅助-AssistiveTouch-打开，打开辅助功能后手机屏幕比例会放大，三指手指双击两下屏幕后恢复正常。

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—Increase the separation between the equipment and receiver.
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FCC ID:2A7ZA-TLA

产品包装清单

TLAW0（主体产品）x 1 | AtoC转电线 x 1 | 辅助磁吸圈 x 1 | 说明书 x 1

Q&A:

Q. 手机投屏后为什么无法长按或双击进行变焦？
A.不同品牌有不同手机本身变焦功能存在差异，导致无法通过本产品进行变焦。请见适过手机屏幕进行手动变焦。（具体品牌型号可参考产品详情页页面）。

Q.为什么苹果手机不投屏？
A.确要系统版本iOS16（含）以上版本支持投屏。

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For warranty service or support, please contact Vention team:
Website: www.ventiontech.com Email: vention@ventiontech.com

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成品尺寸：70x90mm　展开尺寸：280x90mm
材质：80g哑粉纸　8页 风琴折 双面印刷
蓝色印刷：C100 M:0 Y:0 K:0　参考：Pantone Process Cyan C

宁波福茂通讯科技有限公司 NINGBO FULMAN COMMUNICATION TECHNOLOGY CO.,LTD					
品名 PART NAME	TLA系列扩屏器说明书			型号 PART MODEL	VWS-K54
设计 DESIGNER	Muzi	单位 UNIT	mm	客户代码 Client NO.	
校对 CHECK		版本 REV	A0	图号 DWG.NO.	
核准 APPR.		PAGE 页数	1/1	更新 UPDATE	2026/08/06