



Features

- * USB WIFI projector supports windows and mac computers. Through the USB port, the screen is wirelessly transmitted to the receiving end, and power is supplied at the same time. No software is required for one-click projection. Support anti-touch control of the computer plugged.
- * Support long-term stable reception of mirrored video streams from Android, IOS, Mac OS, and Windows 7/8/10 systems.
- * Support Mac OS system and Windows system to display what it is on the controller in reverse, and support touch control.
- * Android mirroring screen and online video playback support sound transmission. Android supports mirroring back transmission.
- * Host mode supports projection control without computer WIFI.
- * Support Windows computer and Mac computer projection, support mouse acceleration function.
- * Built-in Bluetooth on the receiving end: When the Android phone screen mirrors, it can play online videos or online music; it can also be connected to a Bluetooth speaker for sound amplification.
- * Support dual WIFI, internal and external network isolation function: dual WIFI technology guarantees that the mobile phone can still access the Internet when it is connected to the hotspot; And we can also choose internal and external network isolation. The screen transmitter projects through hotspot, and accesses the internal and external networks through wired or WIFI, which effectively guarantees the security of visitor information.
- * Support the automatic upgrade function of the receiving end: it can update the built-in program and the projector upgrade package in time through the network when plugged.
- * Multiple projection modes are equipped to meet various demands, preemption mode and exclusive mode can be switched at will. We can set a dynamic screen code to prevent accidents. We can set vertical screen mode on phone for full screen projection.
- * Built-in annotation function. We can make real-time annotation on the screen, which can be saved to the local and shared through u disk or mobile phone QR code.
- * With administrator function, administrator client software. Through the software, we can easily control the up and down screen.
- * Support web management background. We can select batch online devices for setting and deployment at one time.
- * Support screen statistics: operator, time, offline time, etc.
- * Support automatic email alarm for equipment failure.
- * Support automatic restart function: built-in real-time clock module to ensure that the system time can still be normal without Internet. Built-in onboard super capacitor, it keeps the time running normally though power off 7x24 hours; it can be set to restart automatically when no projection in the early morning, to ensure that the device can operate effectively for 365 days without power off .
- * Compatible with Miracast and WiDi functions. After the receiver runs certain built-in programs, it can support Miracast for Android phones and WiDi for laptops without Android software.
- * Support code scanning projection via mobile phone: Connected to the LAN, the Android mobile client can directly project by scanning the code; Connected to the LAN, and the Apple mobile client scans the code and automatically connects. And only one device is projected by Airplay to avoid the mistaken connection.
- * Support cross-segment projection when the receiving controller and the transmitting end are in different network segments: Support Android mobile client, Apple mobile client, Apple computer client, Windows computer client. These common devices can support projection across network segments;
- * Support server-free 8-bit projection code, which is convenient for small conference rooms; support 6-bit projection code that requires setting up a server. The projection code of a specific conference room can be fixed according to the actual situation for easy management; the screen projection code supports dynamic changes; the server can be deployed in the cloud or built on the customer's intranet.
- * Remote centralized control unified management: Quickly check device information and device usage status in the background; manage batches of wallpapers, screensavers, greetings and other templates; export device statistics reports with one click. If the device goes offline, it can notify the manager by email immediately.
- * A maximum reception of 8 projectors and 4 split screens. If there are more than 4 input signals, it will follow the FIFO principle.



Specifications

Model	TV-814F
USB projector (standard 4)	
Supporting systems	Windows 7/8/10, Apple Mac
Resolution	720P ~ 1080P
Frame rate	Audiovisual 18 ~ 30 frames
Overall delay	100 ~ 200ms
Transmission distance	30m without cover
Display mode	Support for extended desktop (Windows 7/8/10)
Touch reverse control	Support 10-point touch (Windows 7/8/10); support mouse mode (Mac)
Wireless rate	Transmitter 300Mbps
Wireless transmission protocol	IEEE 802.11 a / g / n / ac
Frequency band	5.8G, multi-channel selection
Authentication protocol	WPA2-PSK
Upgrade method	Controller upgrades projector through USB
Conference mode	Host mode: Host can touch the screen list to select the designated projection PC. Participant mode: whoever presses the projection button gains control
Wireless projection of mobile phone	
Dual WIFI	5G Hotspot and 2.4G WIFI can work at the same time. We can also access the Internet during projection
QR code projection	Scan the QR code on the Android client and project
Cross network segment	Under the same LAN, it can project between different network segments
iPhone	iOS 8 and above, AirPlay mirrored screen, support multi-screen streaming mode
Android phone	Android 5.0 and above. With USBDisplay app, it supports screen mirroring , and support synchronous sound transmission (exclusive in the industry)
Unique MiraPlay mode	No need to install APP. Support Miracast, AirPlay, USB wireless projection
Others	
Rotation mode	Support 90 degree, 180 degree, 270 degree screen rotation
Dynamic password	Android APP projection, AirPlay, Windows software projection support dynamic password protection
Annotation	Gesture erasure. support sharing by QR code
Video output	HDMI audiovisual output
Real-time clock	Built-in super capacitor, it supports normal operation for 1 week after power failure
Scheduled restart	Support scheduled restart function to ensure that the device runs all year round without power loss
Other applications	Welcome words, file browser with classification function, screen saver
Router mode	Support 2.4G and 5.8G AP for projection
Video decoding	Support H.264, H.265, VP8, RV, WMV, AVS, H.263, MPEG4
Decoding resolution	4K
Interface	USB HID
Mouse	Support
Infrared touch	Support
Capacitive touch	Support
System version	Android 7.1
CPU	ARM Cortex A7 x 4
Memory	1G DDR3
Storage	8G
Video output	1 HDMI output
TF extension	MAX extension of 64G
Infrared remote control	Support
Wifi	2.4G
HDMI output resolution	1920x1080 60Hz
Power supply	DC: 12V(with adapter)
Maximum power	12W
Dimensions (L * H * W)	160 * 122 * 22mm
Net weight	450g
Operating temperature	0 ℃ ~ 40 ℃
Operating humidity	10% ~ 90%; no condensation