Wireless Projection Interactive Set

TV-812F

Features

* USB wireless screen transmission, support windows and mac computers, only through the USB port, complete transmission and power supply at the same time, wireless transmission screen to the receiving end. One-click screen transfer, no need to install software. Support the touch control of the computer inserted into the USB screen transmitter.

* Support wireless reception of mirrored video streams of Android system, IOS system, Mac OS system, Windows7/8/10 system, which can work stably for a long time.

* Support Mac OS system, Windows system to display the content of the host side in reverse, and touch control.

* Android mirroring screen transmission supports sound transmission while playing online videos, and Android supports mirroring back transmission.

* Support the host mode to control the device to transfer the screen, do not occupy the computer WIFI during use.

* Support Windows computer and Mac computer screen transfer, support mouse acceleration function, low mouse latency.

* Built-in Bluetooth module on the receiving end: When the Android phone is mirroring the screen, it can play online video or online music and transmit sound on the screen; it can also be connected to an external Bluetooth speaker for amplification.

* Support dual WIFI, internal and external network isolation function: dual WIFI technology guarantees that the mobile phone can still be connected to the hotspot for screen transmission; you can also choose to isolate the internal and external networks, the box transmits the screen through the hotspot, and the box accesses inside and outside through wired or WIFI, which effectively protects visitor information Safety.

* Support the receiving end with automatic network upgrade function: it can update the built-in program through the network in time, as well as the USB screen transfer upgrade package, when the USB screen transfer is inserted into the USB port of the receiving end, it will automatically upgrade the USB screen transfer, which is convenient for after-sales upgrades service.

* It has a variety of projection modes to meet the needs of various occasions. The preemption mode and the exclusive mode can be switched at will, and the dynamic projection code can be set to prevent projection accidents. The vertical screen mode can be set, which is convenient for the mobile phone to transfer the screen to full screen vertically.

* Built-in remarks function, can make real-time remarks on the screen transfer, and save local, u disk or mobile phone QR code to share multiple options.

* With the administrator function, provide the administrator client software, through the administrator client software, you can easily control the upper and lower screen operations of the projection terminal

* Support through the web page management background, one-time selection of batch online devices for setting and deployment

* Supports statistics on the history of screencasting on the screencasting terminal: everyone on the screen, casting time, offline time, etc.

* Support automatic email alert for equipment failure.

* Support automatic restart function: built-in real-time clock module to ensure that the system time can still run normally when there is no Internet, onboard super capacitor, 7x24 hours of power outage, time keeps normal operation; can be set to restart automatically when there is no screen in the early morning, Ensure that the equipment can operate effectively without power failure, 7x24, 365 days.

* Compatible with Miracast and WiDi functions. After the receiver runs a built-in specific program, it can support Miracast projection on Android phones and WiDi projection on laptops without Android software.

* Support mobile phone scan code and screen projection function: Android mobile client LAN scan code to directly cast screen, saving all steps; Apple mobile phone client LAN scan code automatically connects to the network, and only one device is found by Airplay to cast screen, avoiding discovery Multi-device trouble.

* Support cross-network segment projection, the receiving host and the transmitting end are in a large network with different network segments: Android mobile phone client, Apple mobile phone client, Apple computer client, Windows computer client, four common devices are available Both can realize cross-network segment projection.

* Support 8-digit projection code for server-free, no need to build a server, easy to deploy in small conference room groups; support 6-digit projection code that requires a server to be set up, can fix the projection code of a specific meeting room according to the actual situation, and facilitate management; The projection code supports dynamic changes; the server can be deployed in the cloud or built on the customer's intranet.

* Remote centralized control and unified management: Quickly view device information and device usage status in the background; push templates for batch management such as wallpapers, screensavers, and welcome messages; build and export device statistical reports without any statistical troubles. The device is offline, and email warning. Notify the management as soon as possible.

* It can receive screen projection from 8 transmitters at most, and supports 4 split screens at most. If there are more than 4 input signals, the projection screen adopts the first-in first-out principle.

Model	TV-812F
USB Screen Transfer Device (standard configuration 1)	
Support System Type	Windows 7/8/10, Apple Mac
Resolution	720P~1080P
Frame Rate	Audio and video 18~30 frames
Overall Delay	100~200ms
Transmission Distance	30m without obstruction
Display Mode	Support extended desktop (Windows 7/8/10)
Touch Control	Support 10-point touch return (Windows 7/8/10); support mouse mode return (Mac)
Wireless Rate	Transmitter 300Mbps
Wireless Transmission Protocol	IEEE 802.11 a/g/n/ac
Frequency Band	5.8G, multi-channel selection
Verification Protocol	WPA2-PSK
Upgrade Method	Host USB upgrade screen transmitter
Meeting Mode	Host mode: The host can touch the screen list to select the designated PC to upload the screen
	Participant mode: When the current non-host is uploading the screen, whoever presses the button will get the control right
Mobile Phone Wireless Screen	
Dual WIFI	5G Hotspot and 2.4G WiFi work at the same time, you can also surf the Internet when the screen is transferred from the mobile phone
Scan Code to Cast Screen	Android client scan the QR code to cast screen
Cross Network Segment	Under the same local area network, realize the screen transfer between different network segments
iPhone	iOS 8 and above, AirPlay mirroring to screen, support multi-screen push mode
Android Phone	Android 5.0 and above, install the USBDisplay app to support mirrored screen transmission, and support simultaneous sound transmission (industry exclusive)
Unique MiraPlay Mode	Mobile phone screen transfer does not need to install APP, while supporting Miracast, AirPlay, USB wireless screen transfer
Others	
Rotation Mode	Support 90 degree, 180 degree, 270 degree screen rotation
Fynamic Password	Android APP screen transfer, AirPlay, Windows software screen transfer support dynamic password protection
Snnotation	Gesture erasing, support QR code scanning and sharing
Video Output	HDMI audio and video output
Real Time Clock	Built-in super capacitor, normal operation for 1 week after power failure
Timing Restart	Support timing restart function to ensure healthy operation of the device without power failure all year round
Other Small Applications	Welcome message, file browser with classification function, screen saver
Router Mode	Support 2.4G and 5.8G AP at the same time for screen transmission
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 Size	1G DDR3
Storage	8G
Video Output	1 HDMI output
TF Extension	Maximum 64G
Infrared Remote Control	Support
Wifi	2.4G
HDMI Output Resolution	Maximum 1920x1080 60Hz
Power Supply	DC: 12V
Maximum Power	12W
Size (L*H*W)	160*122*22mm
Net Weight	450g
Working Temperature	0°C~40°C
Working Humidity	10%~90%; non-condensing