BJ80

BiJie multi screen cooperation intelligent terminal

一、 Appearance

二、 Features

- Support multi machine cooperation, group screen projection and one key broadcast.

- All protocol support for wireless display, compatible with Airplay, Miracast, WiDi, DLNA, Googlecast and BJcast protocols.

- Embedded electronic whiteboard and touch annotation function.

- Support the integration with the third-party systems such as video conference, conference reservation, teaching central control, recording and broadcasting.

- Support local file (document, video, music, picture) browsing and playing function.

- Mobile intelligent central control is provided. The display content can be browsed in real time through pad or web, and the switch of signal source can be controlled.

- Provide dual HDMI video output, can be connected with two display devices, and supports simultaneous display and different display modes.

- Support HDMI input function, support the third party signal source (PC, camera,

high-resolution camera) access display.

● Support 802.11AX (WiFi 6), ultra-low delay wireless display, can provide AP hotspot

coverage.

● Support isolated network access and support POE power.

● The SDK development kit for wireless screen projection can be provided.

● Support platform management.

三、 Specification

items		Specifications
Hardware specifications	Memory	4G
	Storage	32GB EMMC；scalable 500GB solid state drive
	WiFi module	802.11AX*1 module；802.11AC*1 module
	WiFi AP	AP hotspot
	Network connection	1 Gigabit Ethernet; 1 Fast Ethernet; support network isolation
	USB extension	4 USB3.0；1 USB2.0；1 Type-C
	Video output	HDMI *2;
	Video input	HDMI *2;
	Audio output	3.5mm audio
	Audio input	3.5mm audio
	Video decoding	Maximum support 3840*2160 resolution, maximum support 10 channel 1080P decoding.
	Reset key	1
	On-off keying	1
	WIFI antenna	Internal antenna*4
	Boot time	＜30s
	Power	DC12V5A，Support POE power
	Size	180*138*40mm
Screen projection function	Wireless display	Support AirPlay、Miracast、WiDi、GoogleCast、DLNA、BJCast protocol.
	Display the number of routes	1-10
	Multi machine linkage	Support multi device one key broadcast, group projection and multi to multi screen projection.
	Touch screen reverse control	Suport
	Code scanning / short code screen	Support code scanning and short code screen casting.

	casting	
	Screen projection delay	≤200ms
	Screen projection distance	Near frequency 30 meters and LAN screen projection.
	Electronic whiteboard	Support
	File browsing	Support local file, U disk file browsing and video broadcast control function.
	Video conference	Support remote video conference by integrating WebRTC or video conference app.
	Content recording and broadcasting	support screen content recording and broadcasting function and provide recording and broadcasting interface.
	Mobile real time control	Support web / pad remote real-time browsing of intelligent terminal display content, and control the switch of signal source.
	Third party device access	Can be integrated with high-resolution camera, writing pad, transponder, microphone, etc.
	Information delivery	Support image wallpaper push and carousel function.
	Automatic restart	Custome automatic restart.
	Language	Simplified Chinese, traditional Chinese, English.
	Unified management platform	Support
	SDK development Kit	Provide wireless display SDK, support third party integrated development. (Additional charge)
Warranty		1 year