



## Wireless Presentation, Multi-Screen Interaction, Seamless Collaboration

### B80 Wireless Presentation Box

As an enterprise-level wireless presentation system, BJ80 is a prime multi-screen collaboration intelligent terminal specially designed for meeting room and smart classroom. Owe to leading technology and innovation, BJ80 allows the participants to cast maximum 6 screens to the designated monitor/TV simultaneously through Airplay, Miracast, WiDi, Airplay, Google cast, BJ cast APP and BJCast USB Transmitter. The participants can experience BJ80's interactive collaboration features on the IWB (Interactive White Board). BJ80 can integrate with third party's system including Video conference, Meeting appointment, Teaching center control, Recording and Broadcasting etc. BJ80 has compact design, vivid content sharing and effective collaboration features, which can facilitate local collaboration with traditional meeting room and improve productivity.



Google Cast



Miracast



Airplay



WiDi



AP hotspot



BJCast USB Transmitter



6-Screen casting



4K HD display



2.4G+5G



Remote Device Management

### Application Scenarios



Meeting Room



Training room/Classroom

### Product Features

#### •Multiple Method, Better Compatibility

Perfectly compatible with Windows, Mac, iOS, Android and other operating systems, no need to install any other APP or software to cast. It allows the participants to cast screens wirelessly via Miracast, Airplay, Google Cast, WiDi and BJCast USB Transmitter, to provide wireless presentation and interactive collaboration experience. Simple and easy to operate, which can improve meeting and study efficiency.

#### •Superior Collaboration ,Higher Efficiency

Support casting maximum 2 screens to one IWB including Monitor/TV simultaneously, with 4K/60FPS video codec solutions, to provide fluent and vivid content, no need to switch any interface and device. BJ80 also support reverse control via wireless casting, including Miracast and BJCast APP, to make meeting and work easy and efficient.

#### •Convenient and Reliable

Compact design, easy to deploy, less cable and DC power supply help to maintain a clean and organized meeting room. It also supports integration and interconnection with third-party software system. Meanwhile, the Administrator could manage and diagnose BJ80 remotely on BJCast Remote Device Management Platform.

## BJ80 Wireless Presentation Box Specification

Item	Description
OS	•Android
RAM	•4G
ROM	•32GB EMMC •500GB scalable SSD
Wi-Fi Module	•802.11AX(WiFi6)*1 •802.11AC(WiFi5)*1
Wi-Fi AP	•AP hotspot
Wi-Fi Antenna	•Built-in Wi-Fi antenna*4
Network	•Wired, wireless, 802.1x
Wireless Casting/Screen Mirroring Method	•Airplay •Miracast •Google cast •WiDi (Windows8/10) •DLNA •BJCast(Windows,Mac, Android,iOS)
Extended Desktop	•Windows, Mac • BJCast USB Transmitter
Reverse Control	•BJCast •BJCast USB Transmitter •Miracast •WiDi
Sources Simultaneous on Screen	•6
Casting Method	•QR Code •PIN Code
Response Time	•Time Latency≤200ms •Casting Range≤30m •Boot time< 30s •LAN screen casting
Video Decoding	•Resolution:3840*2160 •Maximum support channel: 10
Security Protection	•Miracast compatible PIN code •PIN code to encrypt contents and unwanted stream
Manual Setting	•Device name •Wallpaper •Customized On/Off
Device Management	•BJCast Unified Management Platform
SDK	•Wireless Casting SDK can be provided (Optional) •Integrate with thirty party applications (Optional)
Collaboration	•Electronic whiteboard •Local file browsing and Video broadcast management •Video conference via Video conference APP •Screen content recording and broadcasting •Mobile real time control

Third Party Device Integration	<ul style="list-style-type: none"><li>•USB Camera</li><li>•USB Microphone</li><li>•USB Writing pad</li><li>•USB Transponder</li></ul>
Active Learning System (Optional)	<ul style="list-style-type: none"><li>•Multi devices broadcasting</li><li>•Mini group casting simultaneously</li><li>•Multi-screen interaction</li></ul>
Interface	<ul style="list-style-type: none"><li>•HDMI Output*2</li><li>•HDMI Input*2</li><li>•3.5mm audio output *1</li><li>•3.5mm audio input *1</li><li>•USB3.0*4</li><li>•USB2.0*4</li><li>•Type-C*1</li><li>•Gigabit ethernet*1</li><li>•100M ethernet*1</li><li>•Reset *1</li><li>•DC Power *1</li><li>•PoE *1</li><li>•White LED light*1</li></ul>
Power Supply	<ul style="list-style-type: none"><li>•DC12V3A</li><li>•PoE</li></ul>
Dimensions	<ul style="list-style-type: none"><li>•Size:180*138*40mm</li><li>•Weight: 672g</li></ul>
Warranty	<ul style="list-style-type: none"><li>•One year</li></ul>

## About BJCAST

BJCAST, belongs to BiJie Networks, is a global brand and high tech & leading innovation enterprise that specialized in integrated communication technology development and cloud computing application service. BJCAST has been devoting to helping end users to improve learning and communication efficiency, to make interaction and collaboration easier with wireless presentation/screen mirroring technology and intelligent hardware products.

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## Technical Support

Visit BJCAST Resources ([Wireless Display/Projection SDK | BJCast](#)) for SDK downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to reach BJCAST sales team ([sales@bjcast.com](mailto:sales@bjcast.com)) to submit all your technical issues and we will assign them accordingly.



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