



V 1.0 - 092024

PeopleLink Wireless Presenter



The **Wireless Presenter** is an advanced tool designed to enhance meeting and collaboration experiences by seamlessly connecting room displays with remote participants. The dongle wireless collaboration system allows users to wirelessly integrate cameras, microphones, speakers, and displays with laptops during meetings, offering reverse transmission capabilities for both video and audio.

This system supports dual-screen setups, enabling local and remote participants to collaborate more effectively. It accommodates up to 9 split screens for simultaneous screen casting, making it a versatile tool for dynamic presentation and conferencing environments. Designed to connect room displays to remote meeting participants, the dongle is ideal for business and educational environments, boosting productivity and collaboration with ease.

Key Features

- **4K Ultra-High Definition:** Ensures sharp and vivid image quality during screen casting.
- **BYOM (Bring Your Own Meeting):** Enables users to connect their personal devices to access room equipment without complex setup.
- **Multi-Screen Casting:** Supports up to 9 screens simultaneously, offering flexibility for various presentation and meeting needs.
- **Remote Web Screen and Broadcast Control:** Facilitates seamless control of displays remotely.
- **Centralized Control:** Allows the management of multiple terminals from a central location, streamlining operations.
- **Writing and Annotation Features:** Enhances collaboration with built-in tools for annotating and writing during meetings.

General Specifications

Hardware Specifications

CPU : ARM Cortex A55 x 4

Storage Configuration : 8G DDR + 32G FLASH

Hardware Ports :

2x HDMI Output (1x 4K 60Hz, 1x 1080P 60Hz), 1x HDMI Input, 3.5mm Audio Output, 3.5mm Mic Output, 2x RS232, 2x USB 3.0 Host Type-A, 2x USB 2.0 Host Type-A, 1x USB Touch, 1x Type-C Port, 1x 12V/3A DC Power Jack, 1x RJ45 LAN Port, 1x POE Port, 1x Power Button, 1x Standby Button

Power Consumption :

Max 36W, Input: DC 12V

Environment

- **Operating Temperature** : 0°C-40°C,
- **Operating Humidity** : 10%~90%

Wireless Transmission Parameters

Protocol : DLNA, Miracast, Air Play, Chromecast

Dual Wi-Fi : 5.8G Soft AP + 5.8G Wi-Fi

Number of Connections : 128

Transmit Distance : 50m (no obstacles)

BYOM : Support for Teams, Zoom, GoToMeeting

Mirror Back : Supported

Touch Control System : USB HID, Mouse mode, IR touch control, Capacitive touch panel

Video/Audio :

Video Decoding: Supports H.264, H.265, VP8, RV, WMV, AVS, H.263, MPEG4; Decoding Solution: 4K

Bridging : Supports both wireless and wired bridging

Wireless Mirroring Modes

Airplay/Miracast/Chromecast : Supported

Wireless USB Dongle : Supported

Mirroring via Software : Supports Windows, Mac, Linux, Android, iOS

Resolution :

4K for all screen transmission methods; Delay: 60~180ms; Supports computer expansion screen, Touch Back Control, Mixed cast screen

Device Management

Centre Management : Supported

RS232 API : Available for third-party integrations

Web GUI Settings : Built-in web back-end

Host Mode : Mouse Controller

Other Functions :

Rotation Mode :

Support 90°, 180°, 270° photo rotating

Dynamic Password : Support APP mirroring, Airplay, Windows software mirroring

Audio Output : Output from HDMI or USB can be set in the settings

General Specifications

Restart Timely : Support regular restart function to ensure the healthy operation of the device

Other APPs : Welcome speech, with classification function file browser, screensaver

Authority Management :

When the device is displayed on the screen, it is allowed to display on the screen

Router Mode :

Support 5.8G & 5.8G AP at the same time for mirroring (optional)

BYOM :

Virtual cameras and microphones can be used on the computer through the BYOM-enabled screen transfer; a camera and a microphone device that wirelessly calls a USB interface connected to a receiving end

USB Wired Screen Projection :

Support Android/iOS USB wired projection

Broadcast Control :

Remote control of audio and video playback

Centralized Control :

Management equipment in batch

Screen Projection Management : When the device casts the screen on the screen, there is a permission before casting to the screen

Webpage Projection : The computer interface can be shared through the webpage, and the box interface can be sent to the computer through the web page

Hybrid Projection : Support Miracast and Airplay hybrid projection

Chrome Cast : Chrome Web Screen Projection

HDMI IN Touch : The computer is connected to the box through HDMI and USB ports at the same time, which can support touch

USB Ring Out : The USB port of the box is connected to the external device, and the data of the device can be communicated with other USB ports; the computer can access the device USB port can directly call the data of external devices

Dual HDMI Output : The two HDMI can output the same or different pictures, and perform different display of multi-channel projection pictures

Dual-Screen Collaboration : With only one computer, can dual-screen different displays, one screen display the content of the main screen, and the other screen display extended screen

Webpage Settings : Screen settings and system settings can be performed on the box through the background of the webpage

Fittings

Power Adapter : Type-C Screen Transmitter (Optional), HDMI Screen Transmitter (Optional), USB Screen Transfer Device (Optional)

Remote Control : Remote control of audio and video playback

Screen Transmitter : Type-C Screen Transmitter (Optional), HDMI Screen Transmitter (Optional), USB Screen Transfer Device (Optional)

Transmission Modes : Wireless (Wi-Fi), USB (HDMI/Type-C)

General Specifications

Device Compatibility : Windows, macOS, Android, iOS

Resolution Support : Default 1080p, Optional 720p, 1440p, 2160p

Audio Transmission : Supported on all platforms

Security : Pin Code Protection, Dynamic Password Changing

Multi-Screen Support : Up to 9 simultaneous screens

Connection Ports : HDMI, USB Type-C

Power Supply : AC Adapter (included)

Screen Rotation : 90°, 180°, 270° (for single-screen mode)

Mirroring Protocols : AirPlay (iOS), Miracast (Android), USB Display

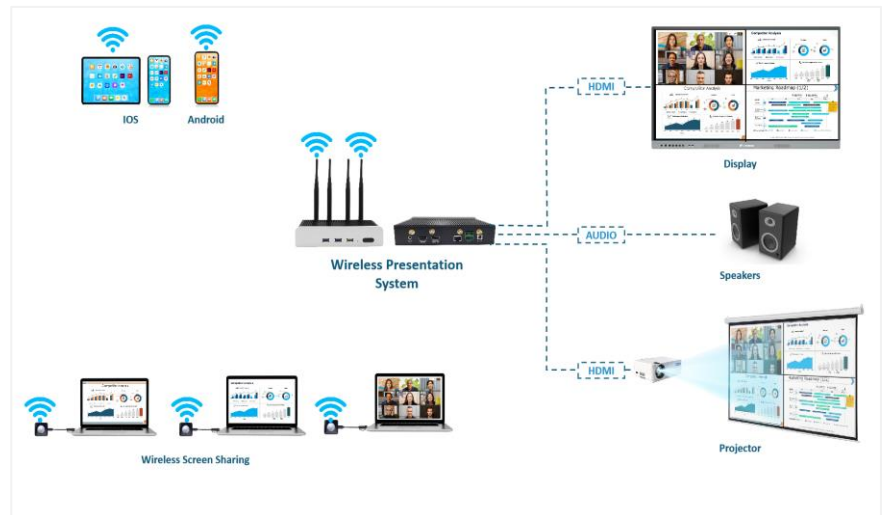
Centralized Control :

Remote management, multi-screen coordination

BYOM Support : USB camera with microphone and speaker integration

Additional Features : Extended Screen, Mouse Acceleration, Plug & Play

Application Scenarios



Ordering Information

PeopleLink BYOM Wireless Presenter System	:	PPL-BYOM-WPS-01
BYOM Wireless Presentation Receiver	:	PPL-WPS-01
Wireless Presenter System Dongle	:	PPL-BYOM-DNGL

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