

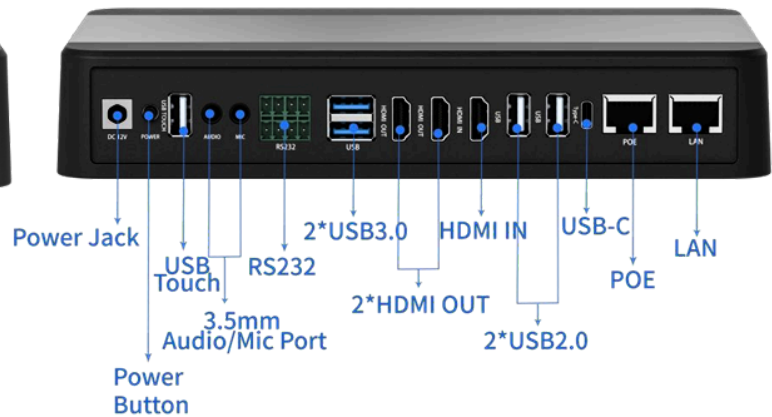
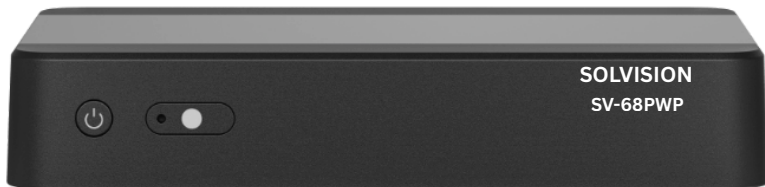
## BYOM Wired & Wireless Collaboration & Video Conferencing System

### SV 68PWP 4K

4K/60 UHD (4:4:4) | HDCP 2.2 Compatible

(Quick Share)

- The SV-68PWP by Solvision is an advanced BYOM (Bring Your Own Meeting) solution that facilitates effortless wired & wireless conferencing. It enables users to wirelessly connect laptops to in-room displays, cameras, microphones, and speakers for a seamless collaboration experience. The system supports dual-screen collaboration and allows up to 9-way split-screen casting, making it ideal for dynamic and interactive meeting environments.



## Features

### 4K Ultra HD – Point-to-Point Display

Supports 3840 × 2160 resolution, delivering ultra-clear visuals far superior to traditional 1080p. Experience cinema like picture quality with richer detail and enhanced clarity.

### USB Ring-Out Functionality

Connect external devices via the USB port on the unit, allowing seamless data communication between connected USB devices and the host computer. Enables direct access and data sharing.

### Dual-Screen Collaboration

Users can enable dual-screen auto EDID functionality with a single computer, displaying primary content on one screen and extended content on the second screen for improved multitasking and collaboration.

### Web-Based Configuration

Convenient system and display settings can be managed through the device's web interface, enabling easy remote access and customization.

### Nine-Screen Split Display

It supports simultaneous casting from up to 9 devices and displays up to 4 streams concurrently on screen, which is ideal for multi-user interaction and presentations.

### USB Touch Back – Optimized for Presentation

Supports interactive features like touch-back for enhanced usability with touch-enabled displays, projectors, and video walls, improving control and engagement during meetings.

### Miracast & AirPlay Wireless Casting

No need to download additional apps—users can wirelessly cast directly from Android or iOS devices using native screen mirroring technologies.

### BYOM Support

Equipped with a Type-C/USB dual-function transmitter, the system supports wireless screen sharing along with USB camera and microphone integration. Fully compatible with popular video conferencing platforms such as Tencent Meeting, DingTalk, Zoom, Microsoft Teams, and more.

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### BYOM Wired & Wireless Collaboration & Video Conferencing System (Quick Share)

#### SV 68PWP 4K



The intelligent terminal features dual HDMI outputs and supports both identical and independent dual-screen display modes. In the dual-screen configuration, content can be mirrored across both screens or set to display different content. The left and right screens can also be interchanged as needed for flexible presentation setups.



4K



BYOM



Remote web screen

4G+32G

A55\*4/Android 11



4\*1080P



APP Free  
Miracast&AirPlay



Remote Broadcast  
control Centralized  
control



USB Ring Out



RS232\*2 central control



Writing and annotation



HDMI IN USB Touch  
Back



Pre-installed the third-  
party APP



#### BYOM wireless display

Compatible with AirPlay, Miracast, WiDi, Google cast, Huawei Cast + Native screen projection. The screen can be cast without installing software



#### Whiteboard Annotation

It can write smoothly, support colorful brush, screen clearing ,content circle painting ,writing movement ,content copy ,file saving ,two-dimensional code sharing and other funtions

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Technical Specifications		SV68PWP 4K
Hardware Specifications		
Hardware Ports:	2xHDMI Output (1x4k 60hz;1x1080P 60hz) ; 1xHDMI Input. 3.5mm audio Output;3.5mm Mic Output;2xRS232. 2xUSB 3.0 Host Type-A;2xUSB 2.0 Host Type-A.1xusb Touch;1xType-c Port. 1x12V/3A DC Power Jack; 1xRJ45 Lan,100/1000 Mbps, TCP/IP 1xPOE Port. 1xPower Button; 1xStandby Button.	
Storage Configuration:	8G DDR+32G FLASH.	
CPU:	ARM Cortex A55 x 4.	
Power Consumption:	Input: DC:12V ;M ax consumption :36W.	
Size:	180*110*35mm L*W*H	
Environment:	0℃ 40℃(wo rking temperature); 10% 90%(working humidity).	
Wireless Transmission Parameter		
Protocol:	DLNA. Miracast. Airplay. Chromecast.	
Dual Wi-Fi:	2.4GHz+5GHz	
Number of Connections:	128	
Transmit Distance:	No obstacle 50m.	
BYOM:	Support for all major conferencing services such as Teams, Zoom, and GoTo Meeting.	
Mirror Back:	Support.	
Touch Control system:	Mouthpiece, USB HID. Support Mouse mode, IR touch control, Capacitive touch panel.	
Video/Audio:	Video decoding supports H.264, H.265, VP8,RV, WMV,AVS, H.263,M PEG4. Decoding solution:4K.	
Bridging:	Support both wireless and wired bridging	
AirPlay/Miracast/Chromecast:	Support DLNA/Miracast/Airplay/Chromecast/WiDi.	
Wireless USB Dongle:	Support Windows/M ac/Linux.	
Mirroring Via Software:	Support Windows/Android/iOS/Mac.	
The resolution of the three screen transmission methods can all reach 4k; the delay time is 60- 180ms. all support computer expansion screen, TouchBack Control and Mixed cast screen.		
Device Management		
Centre Managerment:	RS232;API for third party integrations.	
Host Mode:	Mouse Controller.	

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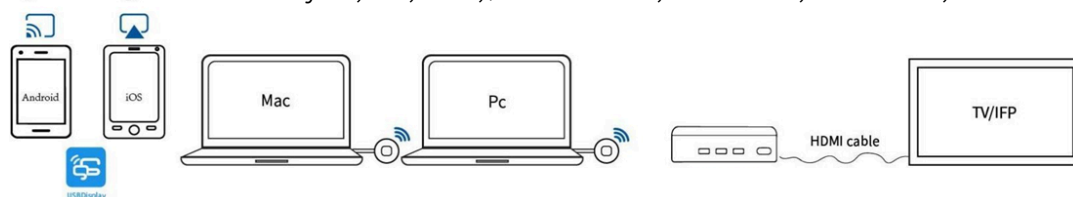
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Other Functions	SV68PWP 4K
Rotation mode:	Support 90° 180° 270° photos Rotating.
Dynamic Password:	Support APP mirroring, AirPlay, Windows software mirroring.
Audio Output :	Output from 3.5 Audio Port , HDMI or USB can be set in the setting.
Restart 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 2.4G&5G AP at the same time for mirroring(optional). Network security protocols, including 802.1x network access control, AES content encryption.
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.
Screen Projection:	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, and 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 multichannel 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.
Fittings/Accessories	
Power Adapter:	1 (12v 3A)
Screen Transmitter/Dongel:	1

System Diagram:

Safety CE,FCC,RoHS,(ISO9001:2015,14001:2015,45001:2018, 27001:2022 -IAF Certified)



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## Wireless Collaboration (Quick Share) Dongle

### SV 68PWPD 4K



The SV-68PWPD 4K is a wireless projection transmitter with HDMI/USB 3-in-1 functionality. It supports DP mode projection for USB-C computers and USB-A mode projection for computers. It also enables screen projection via the HDMI interface of computers, cameras, or video conferencing hosts. Additionally, a USB-A adapter can be added to support HDMI ports.

Hardware Parameters		SV 68PWPD 4K
Interface:		HDMI/USB-A/USB-C(USB-C port functions as a standard A port).
Number of connections:		Maximum 8 connections. For more than 8 connections, an external wifi AP is required.
Power Consumption:		Input: DC 5V, Maximum consumption: 2.5W.
Weight:		81g.
Dimensions:		Product: 181mm x 75mm x 14mm (42mm)
Operating Environment:		0°C to 40°C.
Storage Temperature:		10°C to 60°C.
Indicator Light:		Blue.
System Parameters		
Transmission Delay:		90-180ms.
Output Resolution:		1080P,4K.
Frame Rate:		1080P: 30-60Hz, 4K:30HZz.
Operating System:		Windows 7/8/10/11, Apple Mac, Linux.
Display Mode:		Supports extended desktop(Windows7/8/10/11,Mac).
Support mouse mode return		(Windows,Mac).
Virtual camera:		Virtual camera
Virtual microphone:		PCM 16bits.
Wireless Transmission Protocol:		IEEE 802.11 a/g/n/ac.
Wi-Fi: ° 2.4G.& 5G		Wi-Fi: ° 2.4G. & 5G
Encryption:		Encryption:
Authentication Protocol:		Authentication Protocol:
Transmission Distance:		Up to 30m (without obstructions).
Light Indications		
Blue Lamp Status:		Flashing: means "Pairing" or "Connecting".
Steady: Means		"Paired" or "Connected"

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