

# TapPlay™ P900

## BYOM Wireless Presentation Switcher



### Overview

TP-P900 wireless video processor stands out as a tailor-made solution for expansive display setups that seamlessly integrates multiple video sources and interactive peripherals for BYOM.

TP-P900 features a 1-channel 4K HDMI input and 2 channels of 4K HDMI outputs. Its Wi-Fi 6 wireless router supports simultaneous connections for up to 16 devices with 3x3 output splicing for seamless screen casting while ensuring concurrent internet access. Additionally, TP-P900 also features advanced functions such as file sharing, cloud casting, electronic whiteboard and annotation, output rotation, wireless pairing, customisable home screen, window casting and so on.

This product is specifically designed for personal offices, government conference meeting, expansive incorporate rooms, and other environments, making communication more simplified, clearer, and more efficient.

### Key Features

- Full wireless presentation and BYOM support
- Support wireless input up to 1080P@60Hz, 1x HDMI input up to 4K@30Hz and 2x HDMI 2.0 output up to 4K@60Hz
- Support Windows/Android application and PnP HDMI/Type-C dongles for wireless connection
- Support wireless casting like Miracast and Airplay
- Support switching between casting and local HDMI input
- Support wireless pairing
- Support USB peripherals like camera, mic, and speaker for wireless connection to PC/Laptop
- Support USB camera selection
- Support mouse, keyboard control
- Support wireless touch back for PC/Android
- Fully compatible with VC platforms
- Support multiview for up to 9 windows with preview
- Support customisable home screen at bootup
- Built-in whiteboard and on-screen annotation
- 16 GB on-board storage
- Support file sharing such via app
- Support on-screen PPT control
- Support on-screen control for management
- Support master control
- Support window cast
- Support output rotation
- Support reverse control by PC via app
- Low latency and rapid content sharing

## Specifications

|  |   |
|--|---|
| HDMI Output                                | 2x HDMI                                 |
| Video Output Resolution                    | Up to 3840x2160@60                      |
| HDMI Input                                 | 1x HDMI                                 |
| HDMI Input Resolution                      | Up to 3840x2160@30                      |
| USB interface                              | 1x USB 3.0 Type A and 1x USB 2.0 Type A |
| Storage                                    | 16GB                                    |
| Compatible dongles                         | TP-PDC and TP-PDH                       |
| Compatible 3 <sup>rd</sup> party protocols | Airplay/DLNA/Miracast                   |
| Compatible software screen casting         | Windows/Android/IOS/Mac OS              |
| Compatible hardware screen casting         | Windows/Mac OS                          |
| Simultaneously Connection                  | Up to 16                                |
| LAN port                                   | 1x RJ45 (1000Mbps)                      |
| Audio Output                               | 3.5mm audio                             |
| Control                                    | On-screen control, tranScreen app       |
| Multiview                                  | Up to 9 split screens                   |
| Wireless transmission protocol             | WiFi6: 5GHz/2.4GHz 802.11a/b/g/n/ac     |
| Wireless transmission bandwidth            | 867Mbps                                 |
| Bluetooth                                  | Bluetooth V5.0                          |
| Average Transmission Delay                 | <150ms@10m/1080P                        |
| Visual Transmission Distance               | >30m@1080P                              |
| Dimension (W x D x H)                      | 189x129x26 (mm)                         |
| Weight                                     | 550g                                    |
| Operate Temperature                        | 0 – 50 degrees                          |
| Storage Temperature                        | 20 – 60 degrees                         |
| Operate Humidity                           | 0 – 85% (non-condensing)                |
| Storage Humidity                           | 0 – 90% (non-condensing)                |
| Power Supply                               | DC 5V/3A                                |
| Power Consumption                          | Standby: <0.1W Normal: 4±0.5W           |

## System Diagram

