

DSP2104

4K Quad-View Wireless Screen Mirroring Device



Description

The product is a multifunctional intelligent wireless presentation system that transmits content from smartphones, tablets, and computers via high-speed 5G WiFi signals. It supports a one-to-many casting solution, featuring quad-screen split display, casting codes, meeting control management, and touch-back control, providing a fast and professional wireless presentation experience. This advanced wireless presentation system utilizes a high-performance receiver and transmitter combination, supporting USB, Type-C, and HDMI interfaces. It is compatible with mainstream devices such as computers, HD players, cameras, and set-top boxes. The device is designed for plug-and-play functionality, ensuring ease of use and convenience.

Features

- 5GHz high-speed WiFi wireless casting for real-time transmission from smartphones, tablets, and PCs
- One-to-many wireless presentation, supporting simultaneous multi-device sharing
- Quad-screen split display with flexible single / dual / four-screen layouts
- Plug-and-play transmitters with USB / Type-C / HDMI interfaces for broad device compatibility
- Secure PIN-code pairing for controlled, meeting-grade wireless presentation access
- Touch return control enables remote operation and editing of Office documents
- USB touch control support for interactive whiteboards and touch displays
- Automatic USB drive playback with auto-switching to presentation mode
- Supports up to 32 connected users (expandable to 64) for medium to large meetings
- Ultra HD output up to 4K (4096×2160) with multi-resolution compatibility
- Cross-platform compatibility with iOS / Android / Windows / macOS devices
- Supports major video decoding formats including H.264 / H.265 / VP8 / MPEG4
- Compatible with Chromecast and Google Chrome wireless casting ecosystem
- Enterprise-grade encryption and authentication for secure data transmission

- Centralized device management with monitoring, grouping, batch control, and OTA updates
- Multi-language system support for global deployment
- Real-time background content publishing for dynamic presentation enhancement
- Flexible WiFi channel configuration for regional compliance and optimization
- Hybrid wired + wireless architecture (RJ45 Ethernet + WiFi + PoE power supply)
- Low-latency transmission design ensuring smooth and synchronized presentation performance

Specifications

Model	DSP2104
CPU	Dual-core Cortex-A7
Memory	8Gb DDR3
Storage	2Gb
Operating System	Linux
Signal Output	HDMI (VGA+3.5mm Audio Optional)
USB Interface	1 USB HID
Wired Network	RJ-45 100/1000M, POE Power Supply
Wireless	IEEE 802.11ac(900M), Bluetooth 4.0
Touch Control System	Mouse/Infrared Touch/Capacitive Touch
Maximum Connected Users	32 Devices (Expandable to 64 Devices)
Maximum Number of Simultaneous Display Paths	Quad-View (4-Way Split Screen)
Resolution	4096* 2160_24P 3840* 2160_30P 3840* 2160_25P 3840* 2160_24P 1920* 1200_60P 1920* 1080_60P 1920* 1080_50P 1920* 1080_24P 1280* 1024_60P 1280* 960_60P 1280* 800_60P 1280* 720_60P 1280* 720_50P 1024* 768_60P 800* 600_60P
Power Supply	5V/2A
Operating Temperature	0~50°C
Storage Temperature	-20~70°C