

BG-PS41-BYOD-4K
4-Port 4K Conference Room Wireless Presentation Switcher HDMI/USB-C/Soft Codec

The BG-PS41-BYOD-4K is a powerhouse, enabling users to connect several devices to one display with 4K@30Hz 4:4:4 resolution. This 4x1 presentation switcher is the perfect fit for small businesses and private conference rooms thanks to its wireless Bring Your Own Device (BYOD) features - removing the need for a dedicated device for this presentation switcher. It also has four wired inputs including two HDMI, one USB-C, and one HDMI output. Wireless connectivity provides support for both Airplay and Miracast, making it easier than ever to quickly connect multiple devices for a conference, meeting, or presentation.



FEATURES

- Outputs resolutions up to 4K@30Hz 4:4:4
- USB 3.0: 2 x Type-A, 2 x Type-B, 1 x Type-C
- 18G 4x1 presentation switcher with wireless BYOD
- BYOD: Simple wireless connection via Airplay and Miracast
- Provide up to 60w charging, USB data (USB 3.0/2.0) and 4K video transmission on USB-C port
- RS-232: Provides support for third-party control systems
- EDID: Smart EDID management
- Supports HDMI 2.0b, 4Kx2K@60Hz 4:4:4, HDR 10, Dolby Vision and HDCP 2.2
- HDMI output audio can be de-embedded out via balanced analog audio port
- Auto-Switching: Automatically selects new source device
- Front panel buttons trigger both CEC and RS232 commands for display control



Specifications

VIDEO

Video Input: (1) AirPlay/Miracast, (2) HDMI, (1) USB-C

Video Input Connector: (1) External antenna connector, (2) Type-A female HDMI, (1) Type-C USB 3.0

AirPlay/Miracast Input Resolution: Up to 4K@30Hz 4:4:4

HDMI Input Resolution: Up to 4Kx2K@60Hz 4:4:4 HDR10, Dolby Vision

USB-C Input Resolution: Up to 4K@30Hz 4:4:4

Video Output: (1) HDMI

Video Output Connector: (1) Type-A female HDMI

HDMI Output Resolution: Up to 4Kx2K@60Hz 4:4:4 HDR10, Dolby Vision

HDMI Standard: Up to HDMI 2.0b

HDCP Version: Up to HDCP 2.2

AUDIO

HDMI Embedded Audio Format: Supports Dolby Atmos, Dolby TrueHD, Dolby Digital Plus, Dolby Digital, DTS-X, DTS-HD Master Audio, DTS 5.1, 2 - 8Ch PCM 32-192kHz 16-24 bits; 2-8Ch PCM 32-192kHz 16-24 bits

Balanced Analog Audio Output: (1) AUDIO OUT

Balanced Analog Audio Output Connector: (1) 5-pin terminal block

Frequency Response: 20Hz–20KHz, ± 3 dB

Max Output Level: 2.0Vrms \pm 0.5dB

THD+N: < 0.05%, 20Hz – 20KHz bandwidth, 1KHz sine at 0dBFS level (or max level)

SNR: >80dB, 20Hz - 20KHz bandwidth

Crosstalk Isolation: <-80dB, 10KHz sine at 0dBFS level (or max level before clipping)

L-R Level Deviation: <0.05dB, 1KHz sine at 0dBFS level (or max level before clipping)

Output Load Capability: 1K Ω and higher (Supports 10x paralleled 10K Ω loads)

Noise Level: -80dB

CONTROL

Control port: (1) 4-pin DIP switch, (1) FW, (2) HOST (PC1&PC2), (2) DEVICES, (1) RS232

Control Connector: (1) Micro-USB, (2) Type-B USB 3.0, (2) Type-A USB 3.0, (1) 3-pin terminal block

Network Connectivity

WLAN Standards: IEEE 802.11ac

Band: 2.4 and 5GHz

Max. Wireless Coverage: ≤ 5 m, environment dependent, reduce disturbance to increase transmission distance up to 10m

Max. Output Resolution: 4K@30Hz

Version: iOS 7 or above, MacOS, Android 4.0 or above, Windows 8.1 or above.

GENERAL

Operation Temperature: 23°F ~ 131°F / -5°C ~ +55°C

Storage Temperature: 13°F ~ 158°F / -25°C ~ +70°C

Relative Humidity: 10% ~ 90%

External Power Supply Input: AC 100~240V, 50/60Hz; Output: 24V DC 5A.

Power Consumption: 85w (Max)

USB-C Power Charging: 60w (Max)

Dimensions (W*H*D): 9.4" x 0.98" x 5.3" [238mm x 24.5mm x 135mm]

Net Weight: 1.8lbs [825g]

Industry-Leading Warranty & Support

BZBGear Pro AV products and Cameras come with a three-year warranty. An extended two-year warranty is available for our Cameras upon registration for a total of five years.

We pride ourselves in our Customer Service and seven-days-a-week Tech Support.

