BZB GEAR®

BG-PSC8X2HDB

8X2 18Gbps UHD Seamless Presentation Switcher with HDBaseT
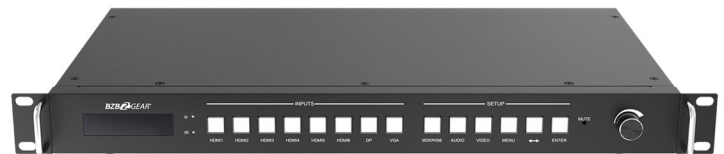
The BG-PSC8X2HDB is an 18Gbps 8x2 seamless 4K presentation switcher. Equipped with 8 video inputs including 6 HDMI ports, 1 Display Port, and 1 VGA port, this HDMI 2.0, HDCP 2.2 and DP 1.2 compliant unit supports multi-format signal processing for seamless switching between all sources. It features automatic input scaling at resolutions up to 4K@60Hz 4:4:4.

Video output is available via simultaneous HDMI and HDBaseT ports. The HDBaseT output extends signal up to 70 meters at 1080P, or 45 meters at 4K.

FEATURES

- 4K/60 4:4:4 Support: Ultra HD refers to a TV resolution of 3840 x 2160 pixels
- Integrated Microphone Mixer: Features adjustable trim and 48V Phantom Power
- HDBaseT Output: Extend signal up to 70 meters at 1080P, or 45 meters at 4K
- Integrated Audio Amplifier: Power 2 speakers via 20W stereo outputs
- EDID Management: Eliminates video compatibility issues
- Multiple Control Options: Bi-Directional IR, RS232, and IP Control
- HDMI 2.0, HDCP 2.2 and DP 1.2 compliant
- Support seamless switching
- 8 Audio source selections (LR1 to LR8) for VGA video input
- Support 18 Gbps video bandwidth
- 8 video inputs: 6 HDMI ports, 1 DP port, 1 VGA port
- Speaker and Microphone volume can be controlled by front panel or PC Tool
- Mirrored output with HDMI and HDBaseT output ports
- 9 audio source selections (LR1 to LR8 and embedded audio) for HDMI/DP input
- Additional IO function (2 outputs, 2 inputs)

TECHNICAL

HDMI Compliance: HDMI 2.0

HDCP Compliance: HDCP 2.2

DP Version: DP 1.2

Video Bandwidth: 18Gbps

VIDEO RESOLUTION

Input Video Resolution: 800x600@60Hz, 1024x768@60Hz, 1280x768@60Hz, 1280x800@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1366x768@60Hz, 1400x1050@60Hz, 1440x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1200@60Hz. 480p,576p,720p, 1920x1080i, 1920x1080p, 3840x2160@24Hz/25Hz/30Hz/50Hz/60Hz, 4096x2160@24Hz/25Hz/30Hz/50Hz/60Hz.

Note: This device does not support 4:2:0 color space

Output Video Resolution: Auto, 3840x2160@60Hz, 3840x2160@50Hz, 3840x2160@30Hz, 1920x1080@60Hz, 1920x1080@50Hz, 1280x720@60Hz, 1024x768@60Hz, 1360x768@60Hz, 1600x1200@60Hz, 1920x1200@60Hz.

EDID Option: Auto, Manual, 3840x2160@60, 3840x2160@30, 1920x1080@60, 1280x720@60, 1920x1200@60

HDMI Amplitude: T.M.D.S +/- 0.4Vpp

Differential Impedance: 100315ohm

ESD Protection: Human-body Model: 38kV (Air-gap discharge), 34kV (Contact discharge)

RS232/ETHERNET CONTROL

Baud rate and Protocol: Baud rate: 9600, data bit: 8 Stop bit: 1, no parity checking

Ethernet: IE10.0+, HTML5

MECHANICAL

Housing: Metal Enclosure

Color: Black

Dimensions: 16.9″(W) x 8.7″(D) x 1.7″(H) [430mm(W) x 220mm(D) x 44mm(H)]

Weight: 7 lbs [3.2 Kg]

Power Supply: AC 110 - 240V

Power Consumption: 60W (Max)

Operating Temperature: 32°F ~ 104°F / 0°C ~ 40°C

Storage Temperature: -4°F ~ 158°F / -20°C ~ 70°C

Relative Humidity: 10%~50% RH (non-condensing)

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.

Pro AV 3 Year Warranty | **Cameras 5** Year Warranty | **Lifetime** Product Support

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