

# TECHNICAL SPECIFICATION SH21-300



**Description:** HDMI 2.1 2x1 8K Switcher

**Why This Product?** This 8K HDMI 2.1 switcher can switch between 2 HDMI sources to 1 HDMI display.

## Key Features

- 8K@60Hz 48Gbps video bandwidth
- HDMI 2.1 and HDCP 2.3 compliant
- HDR, HDR10, HDR10+, Dolby Vision, HLG pass through
- USB 3.0 Compliant Supports Super Speed, 5 Gbps
- HDMI audio formats: LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- 2x1 switch output, auto switch supported
- Built-in Equalizer and Driver
- Auto EDID management
- Compact design for easy and flexible installation



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## 8K 2x1 HDMI 2.1 Switcher

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## SH21-300



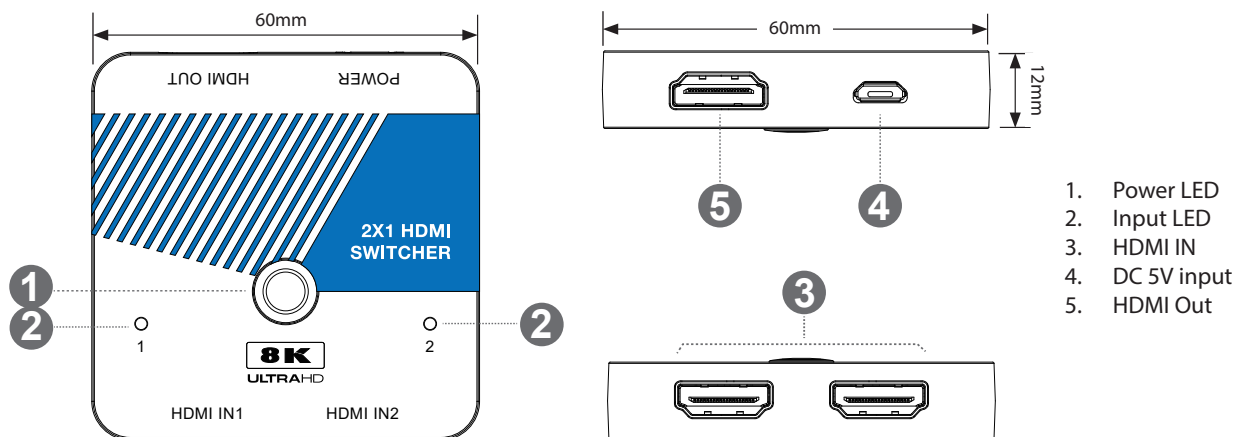
### Specifications

#### Technical

Protocol ..... HDMI 2.1  
 Input Connector ..... USB A male  
 Video Bandwidth ..... 48 Gbps  
 Video Resolution ..... Up to 8K@60Hz 4:4:4  
 Color Depth ..... 8-bit, 10-bit, 12-bit  
 Color Space ..... RGB, YCbCr 4:4:4 / 4:2:2 / 4:2:0  
 HDMI Audio Formats..... LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD

#### Mechanical

Housing ..... Plastic Enclosure  
 Silkscreen Color ..... Apple Gray  
 Dimensions ..... 60mm (W) × 60mm (D) × 12mm (H)  
 Weight ..... 31g  
 Power Supply ..... USB 5V  
 Power Consumption ..... 1.25W (max)  
 Operation temperature ..... 0°C ~ 40°C / 32°F ~ 104°F  
 Storage Temperature ..... -20°C ~ 60°C / -4°F ~ 140°F  
 Relative Humidity ..... 20~90% RH (non-condensing)



1. Power LED
2. Input LED
3. HDMI IN
4. DC 5V input
5. HDMI Out

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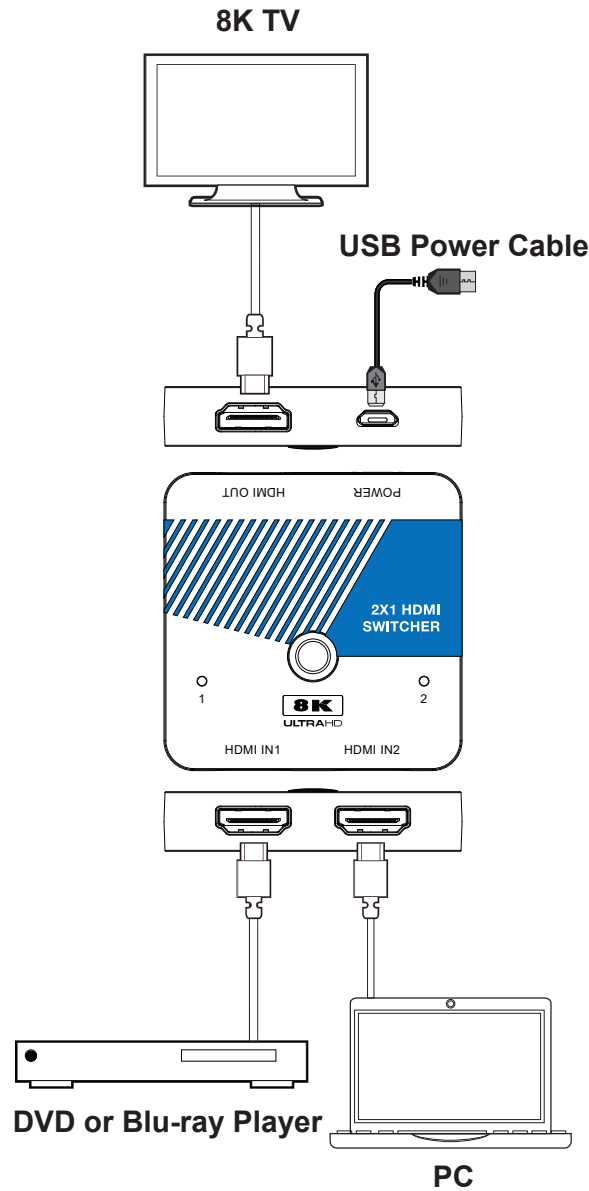
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## Application Example



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