

DATA SHEET



HDMI®, USB-C, Mini DisplayPort™, and VGA to HDMI Adapter Converter Switch - 4K 60Hz

Connect an HDMI, USB-C, Mini DisplayPort, VGA and audio source to a single HDMI port on an HDTV, projector or monitor

OVERVIEW

The HDMI, USB-C, Mini DisplayPort, and VGA to HDMI Adapter Converter Switch was designed to connect in applications where the projector or display only has an HDMI input available. This converter switch eliminates the need for additional adapters, and allows the projector or display to remain on the same input for all connected devices. With a single HDMI output and auto switching there is no need to toggle between multiple inputs on a display.

This converter switch offers control and flexibility by auto switching between video sources or via the manual push button located conveniently on the front. This allows for quick changes between video sources and the four inputs cover all of the most common audio/video connections: HDMI, USB-C, Mini DisplayPort, and VGA with stereo audio. This flexibility makes it perfect for use in conference rooms, huddle spaces, classrooms, lecture halls, or anywhere that multiple and complex audio/video signals will be displayed. The auto switching feature for the four input devices eliminates the need to interact with the device other than plugging in a laptop or tablet.

The converter switch supports 4K HDMI output resolutions up to 4096 x 2160 at 60hz and VGA resolutions up to 1920 x 1080.

FEATURES

- Mini DisplayPort input
- HDMI input
- VGA + 3.5mm audio inputs
- USB-C input
- Source auto detect and select button function
- VGA resolutions up to 1920 x 1080
- HDMI resolutions up to 4K (4096 x 2160 at 60Hz)
- Mini DisplayPort resolutions up to 4K (4096 x 2160)
- USB-C resolutions up to 4K (4096 x 2160)

ITEM DESCRIPTION

81850 HDMI, USB-C, Mini DisplayPort, and VGA to HDMI Adapter Converter Switch - 4K 60Hz

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SPECIFICATIONS:

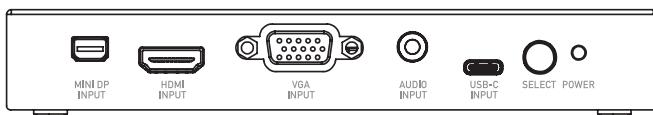
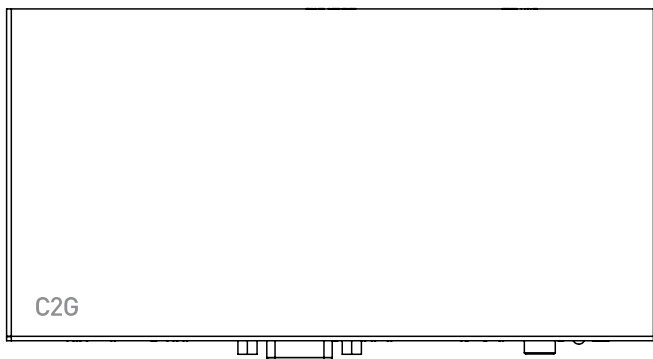
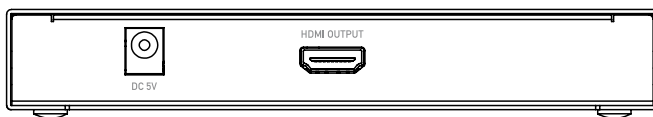
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ELECTRICAL SPECIFICATIONS:

- VGA Resolution: 1920 x 1080 (max.)
- HDMI Resolution: 4096 x 2160 (max.)
- HDMI Audio: Supports HDR10, HDR Dolby Vision, CEC, and ARC
- MiniDP Resolution: 4096 x 2160 (max.)
- USB-C Resolution: 4096 x 2160 (max.)
- Chipset: EP9461E
- Power Adapter Electrical Input: 100-240VAC, 50-60Hz, 0.5A max.
- Power Adapter Electrical Output: 5VDC, 2.5A

PHYSICAL SPECIFICATIONS:

- Material: Housing: Metal
- Material: Housing: Black
- Mini DP Connector: 20P SMT, Shell: Nickel Plated, Insulation: Black, Contact: Gold/Tin/Nickel Plated
- HDMI Connector: A Type 19P Receptical, Front Shell: Nickel Plated, Insulation: Black, Contact: Gold/Tin Plated
- VGA Connector: Shell: Nickel Plated, Insulation: Blue, Contact: Gold Plated
- 3.5mm Jack Connector: Housing: Green, Contact: Gold Plated
- USB-C Connector: Shell: Nickel Plated, Insulation: Black, Contact: Gold Plated
- Power LED: Green
- DC Jack: Housing: Black, Pin OD: $\phi 2.5\text{mm}$
- Operating Temperature: 0°C to $+40^{\circ}\text{C}$ (Non-Condensing)
- Storage Temperature: -20°C to $+80^{\circ}\text{C}$
- Unit Dimensions (WxLxH): 156 x 79.5 x 24mm
- Power Adapter Plug: UK, US, EU Type
- Power Adapter Mechanical Dimensions: 62 x 39.5 x 30.3mm
- Power Adapter Cable Length: 1500 \pm 100mm
- Power Adapter DC Plug: $\phi 5.5$ x $\phi 2.5\text{mm}$
- Approvals: CE marked and conforms to 2011/65/EU ROHS 2



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