SOOMFON VA001-GN1

SOOMFON USB C to HDMI Adapter

Model: VA001-GN1

1. OVERVIEW

The SOOMFON USB C to HDMI Adapter (Model VA001-GN1) is designed to provide high-quality video output from your USB-C enabled devices to an HDMI display. It supports resolutions up to 4K at 120Hz, offering a smooth and immersive visual experience for gaming, streaming, and professional applications. This adapter is compatible with a wide range of devices, including those with USB 4, Thunderbolt 3, and Thunderbolt 4 ports, and features a durable, compact design for reliable performance.

2. KEY FEATURES

- **4K@120Hz Ultra HD Display:** Delivers stunning 4K@120Hz ultra-smooth video output, ideal for gaming and high-definition content. Also supports 8K@30Hz for future-proof viewing.

- **Wide Compatibility:** Compatible with USB 4, Thunderbolt 3, and Thunderbolt 4 ports. Works seamlessly with most USB-C devices supporting DisplayPort Alternate Mode (DP Alt Mode). Supports HDR/3D-enabled devices, HDCP 2.3, and DSC (Display Stream Compression) technology.

- **Plug & Play Convenience:** Designed for hassle-free use with no drivers required. Easily mirror or extend your screen to a larger display.

- **Stable Transmission & Anti-Interference:** Advanced shielding technology ensures stable signal transmission without interference, providing uninterrupted video output.

- **Reliable & Durable Design:** Features a premium aluminum shell for efficient heat dissipation and long-lasting durability. The reinforced nylon-braided cable enhances durability and aesthetic appeal.

3. SETUP INSTRUCTIONS

1. **Connect the Adapter:** Plug the USB-C connector of the SOOMFON adapter into the USB-C port of your source device (e.g., laptop, tablet, phone, PS5, Xbox Series X). Ensure your device's USB-C port supports video output functionality (DP protocol, DisplayPort Alt mode).

Image: The SOOMFON USB C to HDMI Adapter with its USB-C end connected to a laptop, demonstrating the initial connection step.

2. **Connect to Display:** Connect an HDMI cable (not included) from your display (e.g., TV, monitor, projector) to the HDMI port on the SOOMFON adapter.

Image: The SOOMFON USB C to HDMI Adapter with an HDMI cable connected to its HDMI port, which is then connected to a large television screen, showcasing the video output capability.

3. **Verify Connection:** Your display should automatically detect the signal from your source device. If not, manually select the correct HDMI input on your display.

Important Notes:

- To achieve 8K resolution, both your connected devices and HDMI cables must also support 8K.

- Not compatible with Nintendo Switch.

- Does not support the latest Apple systems or devices with dedicated graphics cards that do not support DP Alt Mode.

- Ensure your device's USB-C port supports video output (DisplayPort Alternate Mode). Ports that only

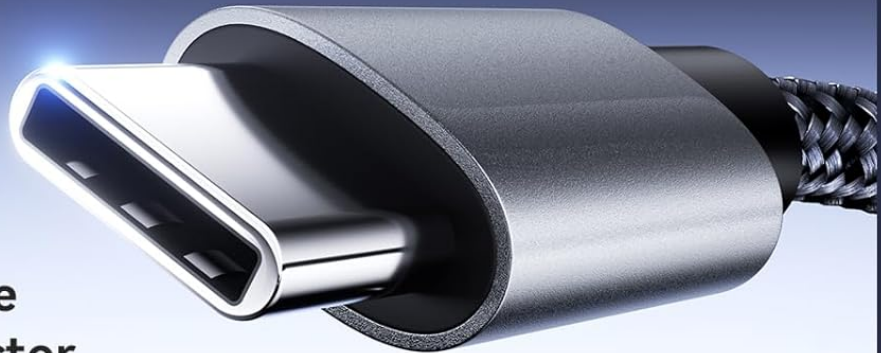support charging or data transfer will not work for video output.

Image: A visual guide illustrating different USB-C port icons, distinguishing between those that support Thunderbolt/DP Alt Mode (compatible for video output) and those that only support charging or data transfer (incompatible for video output).

4. OPERATING INSTRUCTIONS

Once connected, the SOOMFON USB C to HDMI Adapter allows for versatile display modes:

- **Mirror Mode:** Duplicate your source device's screen onto the external display. This is ideal for presentations or sharing content with an audience.

- **Extend Mode:** Extend your desktop across multiple screens, allowing for increased productivity by having more screen real estate. This is perfect for multitasking or professional workstations.

Image: A laptop connected to a larger external monitor, displaying different content on each screen, illustrating the 'Extend Mode' functionality of the adapter.

Adjust display settings (resolution, refresh rate, orientation) through your device's operating system display settings.

5. MAINTENANCE

To ensure the longevity and optimal performance of your SOOMFON USB C to HDMI Adapter, follow these maintenance guidelines:

- Keep the adapter in a dry environment and avoid exposure to moisture or extreme temperatures.
- Handle the adapter gently. Avoid bending the cable sharply or applying excessive force when plugging/unplugging.
- Clean the connectors periodically with a soft, dry cloth to remove dust or debris.
- Store the adapter in a safe place when not in use to prevent physical damage.

6. TROUBLESHOOTING

- **No Signal/Flickering Screen:**
  - Ensure both the USB-C and HDMI connections are secure.
  - Try flipping the USB-C connector to the other side, as some devices may be sensitive to orientation.
  - Verify your source device's USB-C port supports video output (DP Alt Mode).
  - Test with a different HDMI cable or display to rule out external issues.

- **Incorrect Resolution/Refresh Rate:**
  - Check your device's display settings and ensure the desired resolution and refresh rate are selected.
  - Confirm that both your source device and display support the desired resolution and refresh rate (e.g., 4K@120Hz or 8K@30Hz).

- **Audio Issues:**
  - Ensure the audio output is set to the HDMI display in your device's sound settings.

- **Adapter Overheating:**
  - The aluminum shell is designed for heat dissipation. If the adapter feels warm, it is normal. If it becomes excessively hot, disconnect it and contact support.

If you encounter any persistent issues, please refer to the Support section for assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	VA001-GN1
Product Dimensions	0.35 x 0.06 x 0.06 inches
Item Weight	1.76 ounces
Color	Space Gray
Connector Type	HDMI, USB Type C
Compatible Devices	Laptop (and other USB-C devices supporting DP Alt Mode like PS5, Xbox Series X, MacBook, iPad, Galaxy)
Max Resolution/Refresh Rate	4K@120Hz, 8K@30Hz
Special Features	HDR/3D support, HDCP 2.3, DSC (Display Stream Compression)

8. Warranty and Support

SOOMFON is committed to providing high-quality products and customer satisfaction. This product comes with a standard manufacturer's warranty against defects in materials and workmanship.
If you encounter any issues with the product or require technical assistance, please do not hesitate to contact our customer support team. Our support team is available around the clock to assist you.
For support, please visit the official SOOMFON website or contact us through your purchase platform.