



Axagon RVD-HI20N DisplayPort -> HDMI 2.0b adapter, 4K/60Hz

Model: RVD-HI20N

Manufacturer: AXAGON

EAN: 8595247908810

Product Code: 515317

R831

DisplayPort -> HDMI active adapter – reduction AXAGON RVD-HI20N to connect HDMI monitor/TV/projector to the computer with the DisplayPort output. Thanks to this adapter, you can easily use your existing HDMI cable without the need for any major investment.

This compact hardware converter requires no installation and delivers high-quality video up to 4K/60 Hz Ultra HD resolution. Popular resolutions such as 2K/144 Hz Quad HD or 1080p/240 Hz Full HD are also supported. Thanks to HDR (high dynamic range) support, you can enjoy a significantly expanded range of colours and contrasts without restrictions.

The Plug and Play technology make it ideal not only for professionals but also for home users who want to easily and efficiently expand their multimedia setup.

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Enjoy a home cinema experience with stunning 4K video, or use the adapter for conferences and presentations. It's perfect for schools and interactive spaces where computers are frequently connected to HDMI devices. Graphic designers and video creators will appreciate the detailed display. The adapter is compatible with monitors from brands such as Dell, HP, Lenovo, ASUS, Samsung, LG, Sony, MSI, and others, ensuring its versatility and reliability.

Thanks to HDCP 2.2 support, you can enjoy your favourite streaming services in 4K resolution without limitations, including Netflix, Disney+, HBO Max, Amazon Prime, and Apple TV+. It also supports lossless audio transmission, best enjoyed on modern TVs. HDCP support must be enabled on all connected devices as well as by the streaming service itself.

The adapter is made from high-quality materials, ensuring great reliability. The cable and connectors are protected against bending, which extends their lifespan. The adapter also features a 15 cm flexible cable for easier handling.

The adapter is only one-way, i.e. DisplayPort to HDMI, not otherwise.

Input (connection to computer):

- DisplayPort v 1.2a
- connector DP (M) male

Output (connection to monitor / TV / projector):

- HDMI v2.0b
- HDMI (F) female connector

The most widely supported resolutions:

- 4K/60, 30 Hz Ultra HD
- 2K/144, 120, 100, 60 Hz Quad HD
- 1080p/240, 144, 120, 100, 75, 60 Hz Full HD

Other supported resolutions:

The resolution and frequency are determined by the monitor and graphics card used, as well as the cable.

- **max. 4096 x 2160 (17:9) @60Hz DCI 4K**

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- 3840 x 2160 (16:9) @60Hz UHD-1 4K (UHDTV)
- 3840 x 1600 (21:9) UW 4K (Ultrawide 1600p)
- 3840 x 1200 (32:10) 4K (Super ultrawide 1200p)
- 3840 x 1080 (32:9) 4K (Super ultrawide 1080p)
- 3440 x 1440 (21:9) UWQHD (Ultrawide 1440p)
- 2560 x 2048 (5:4) QSXGA
- 2560 x 1920 (4:3)
- 2560 x 1600 (16:10) WQXGA
- 2560 x 1440 (16:9) @144Hz QHD
- 2560 x 1080 (21:9) UWFHD (Ultrawide 1080p)
- 2048 x 1536 (4:3) QXGA
- 2048 x 1152 (16:9) QWXGA
- 1920 x 1440 (4:3)
- 1920 x 1200 (16:10) WUXGA
- 1920 x 1080 (16:9) @240Hz Full HD/1080p
- 1856 x 1392 (4:3)
- 1792 x 1344 (4:3)
- 1680 x 1050 (16:10) WSXGA+
- 1600 x 1200 (4:3) UXGA
- 1600 x 900 (16:9) HD+
- 1536 x 864 (16:9)
- 1440 x 900 (16:10) WXGA+
- 1400 x 1050 (4:3) SXGA+
- 1366 x 768 (16:9) HD
- 1360 x 768 (16:9) HD
- 1280 x 1024 (5:4) SXGA
- 1280 x 960 (4:3) SXGA-
- 1280 x 800 (16:10) WXGA
- 1280 x 768 (5:3) WXGA
- 1280 x 720 (16:9) HD/WXGA/720p
- 1280 x 600
- 1152 x 864 (4:3) XGA+
- 1024 x 768 (4:3) XGA

• **800 x 600 (4:3) SVGA**

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Other features:

- Supports lossless transmission of up to 8-channel audio – 192kHz at 24-bit.
- Supports DDC (Display Data Channel) – intelligent adjustment of resolution, frequency, and other parameters based on the source graphics chip.
- Supported modes: mirroring the desktop (default setting), extension of the primary monitor area.
- HDR support (High dynamic range, 10-bit support) - realistic reproduction of light and dark details.
- HPD (Hot-Plug-Detect) support - communication sequence controlling the connection/disconnection of the device while running,
- HDCP 2.2 (4K, QHD, Full HD) support - backward compatible with HDCP 1.4.
- Support of power saving modes with spinning down controlled by a source device (PC) and a viewing device (monitor/TV).
- Power supply via bus - no external power is needed.
- Dimensions 12 x 42 x 22 mm (H x B x D).
- Weight 24 g (incl. cable).
- Cable 15 cm long.

Supported operating systems:

- All versions of Windows, macOS, Linux, Chrome OS and other operating systems.
- It is a pure hardware converter, the transfer is provided only by the adapter chip without computer participation, no drivers are installed, so the compatibility is not dependent on the operating system used.

Package contains:

- DisplayPort to HDMI video adapter with a 15 cm long cable.
- multilingual manual CZ / DE / DK / ENG / ESP / EST / FIN / FR / GR / HR / HU / IT / LT / LV / NL / NOR / PL / PT / RO / SK / SLO / SRB / SWE / TR / UA / ALB / BG / BOS / CN / ARA,
- packed in a cardboard box with a hanging hole.

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