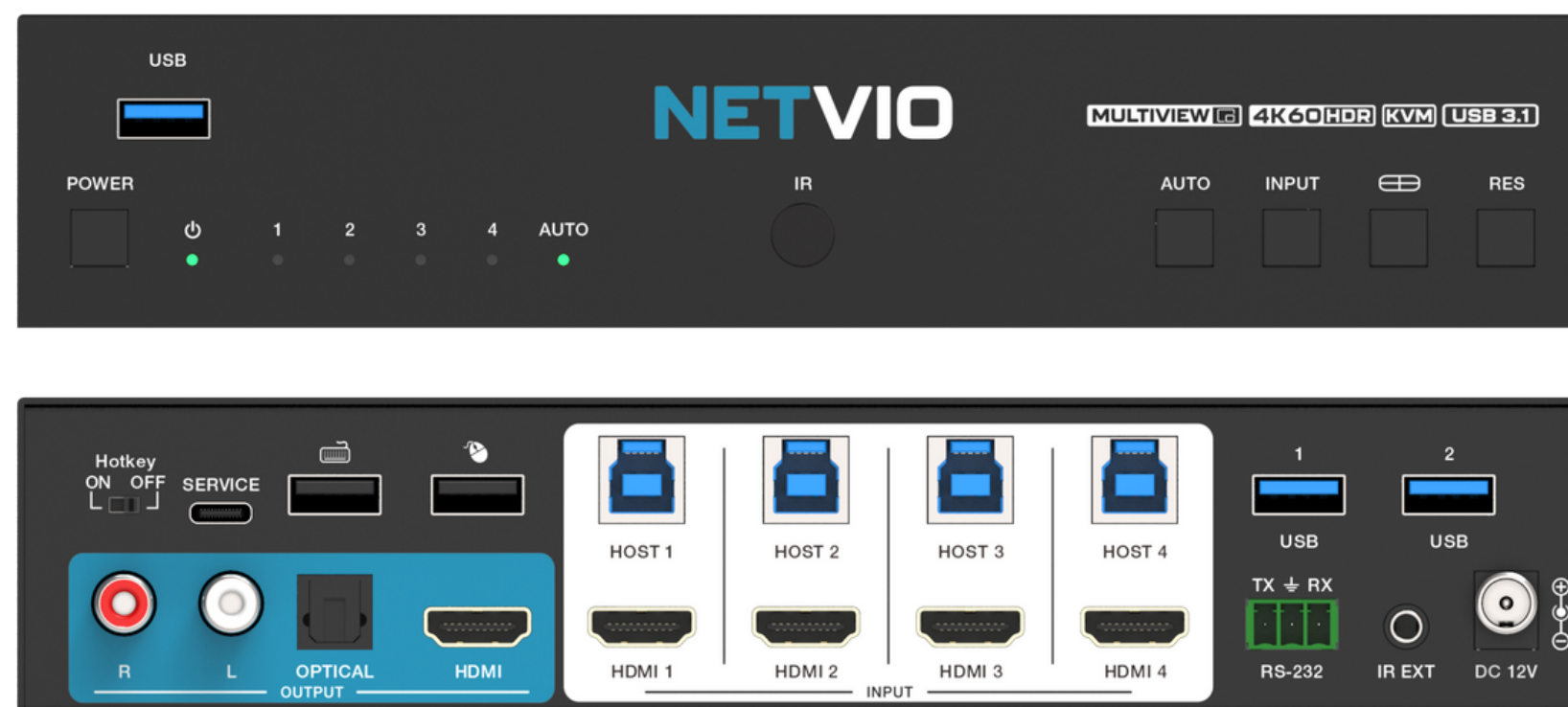


MV-H2-0401-10

4K60 MultiView & KVM Switch with JP4 AVoIP Integration



> Product Description

The Netvio MV-H2-0401-10 is a 4x1 HDMI 2.0 Multiviewer designed for standalone HDMI applications or as a seamless extension of the Netvio JP4 Series AVoIP platform. Supporting 18Gbps 4K60 4:4:4 HDR video with HDCP 2.2 compliance, it combines up to four HDMI sources into a single UHD display with seamless switching and multiple layout options.

Within a JP4 AVoIP deployment, the MV-H2-0401-10 delivers true multiview capability across the network. Sources from anywhere on the IP system can be monitored in PIP, PBP, Triple, or Quad modes, providing flexible visualization for control rooms, broadcast, enterprise, and education.

The device ships with a dedicated 19-inch rack mount kit included in the box, ensuring out-of-the-box professional smart rack presentation for clean integration into AV racks.

Control is license-inclusive, with full support for Netvio AppBuilder and NetvioGo on iOS/Android. Enterprise users benefit from Crestron and Q-Sys driver support, delivering a flexible, future-ready solution.

> Product Features

- Seamless 4K60 UHD Switching – HDMI 2.0b, 18Gbps bandwidth, HDR10, Dolby Vision, HLG.
- Multiview Display Modes – 8 layouts including Single, PIP, PBP, Triple, Quad.
- Network-Wide Multiview – Extends JP4 AVoIP systems with distributed multiview capability across the IP network.
- Unified Control – Compatible with Netvio AppBuilder & NetvioGo, providing license-inclusive end-user access.
- Pro AV Integration – Drivers available for Crestron and Q-Sys control ecosystems.
- Flexible Audio Options – HDMI passthrough plus analog and optical de-embedding.
- Multiple Control Paths – Front panel, IR, OSD, RS-232, AppBuilder, NetvioGo, Crestron, Q-SYS.
- Rack Presentation – Dedicated 19" rack mount kit included in the box.

> What's Included

- 1x MV-H2-0401-10 HDMI Multiviewer
- 1x 19" Rack Mount Kit (rack ears & screws for smart rack presentation)
- 1x IR Remote Control
- 1x 12V DC Locking Power Supply
- 1x User Information
- 1x Set of Mounting Accessories

> Specifications

Video

- Compliance: HDMI 2.0b, HDCP 2.2 / 1.x
- Bandwidth: 18Gbps uncompressed
- Resolutions: Up to 3840×2160 @60Hz 4:4:4, 8/10/12-bit
- Color Space: RGB, YCbCr 4:4:4 / 4:2:2 / 4:2:0
- HDR Formats: HDR10, Dolby Vision, HLG

Audio

- HDMI: LPCM 2.0 / 5.1 / 7.1, Dolby Digital, DTS
- Analog: Stereo L/R (RCA) – PCM 2.0
- Optical (S/PDIF): Dolby Digital, DTS 5.1, PCM 2.0
- Audio De-Embedding: Independent selection and volume control

Inputs / Outputs

- Inputs: 4× HDMI Type-A (female)
- Output: 1× HDMI Type-A (female)
- Audio Outputs: 1× L/R RCA, 1× Optical S/PDIF
- USB: 2× USB 2.0 Device, 3× USB 3.0 Device (shared with KVM)

Control

- Local: Front panel buttons, IR remote, OSD navigation
- Serial: RS-232 (3-pin phoenix)
- Software: Netvio AppBuilder, NetvioGo (license-inclusive)
- Third-Party: Crestron, Q-Sys drivers

Multiview Modes

- Single, PIP, PBP (1), PBP (2), Triple (1), Triple (2), Quad (1), Quad (2)
- Seamless switching with border and aspect ratio adjustment

Mechanical

- Dimensions: 220mm × 100mm × 44mm (8.66" × 3.94" × 1.73")
- Weight: 443g (0.98 lbs)
- Housing: Metal enclosure
- Rack Mount: 19" rack ears included in the box (smart rack presentation)

Environmental

- Operating Temperature: 0–40°C / 32–104°F
- Storage Temperature: -20–60°C / -4–140°F
- Humidity: 20–90% RH (non-condensing)

Power

- Supply: 12V DC (locking connector)
- Consumption: <20W
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> Connectivity

Inputs

- 4× HDMI Type-A (female) – Video/Audio Inputs

Outputs

- 1× HDMI Type-A (female) – Main Output
- 1× Analog Stereo L/R (RCA) – Audio Output
- 1× Optical S/PDIF (Toslink) – Audio Output

Control

- 1× RS-232 (3-pin Phoenix)
- 1× IR Receiver Port (3.5mm)
- 1× Front Panel Button Controls
- Remote Control via Netvio AppBuilder, NetvioGo (iOS/Android), Crestron, Q-Sys

USB (KVM & Devices)

- 2× USB 2.0 Type-A (for keyboard/mouse)
- 3× USB 3.0 Type-A (for peripherals: webcam, drives, etc.)
- 4× USB 3.0 Type-B Host Ports (linked to HDMI inputs 1–4)

Power

- 1× DC 12V Locking Connector

> Integrations

- NetvioGO End-User Application (Free)
- NetvioGo integrations including Blaze, LEA, Powersoft, Symetrix, Cloud, Yamaha, plus many other AV devices.
- Control System Drivers including Crestron, Q-SYS, Control4, RTI, Elan

> Included Software & Apps

- Configuration & Control utility
- Netvio360, AppBuilder & NetvioGo when used with JP4 Series AVoIP solutions.

> M&E Description

The device shall be a 4×1 HDMI 2.0 Multiviewer capable of seamless switching and multiview layouts at resolutions up to 3840×2160 @ 60Hz 4:4:4 with support for HDR10, Dolby Vision, and HLG. The unit shall comply with HDCP 2.2/1.x and provide 18Gbps video bandwidth.

The device shall support up to eight multiview modes including Single, Picture-in-Picture, Picture-by-Picture, Triple, and Quad. It shall integrate with the Netvio JP4 AVoIP Series to enable network-wide multiview functionality, allowing any source on the IP system to be combined and displayed.

Audio outputs shall include HDMI pass-through, analog stereo (RCA), and optical S/PDIF, with user-selectable audio routing.

Control options shall include front panel buttons, IR remote, OSD navigation, RS-232 commands, Netvio AppBuilder, NetvioGo, and third-party drivers for Crestron and Q-Sys systems.

The device shall be supplied with a dedicated 19-inch rack mount kit for professional rack installation, ensuring a unified smart-rack presentation.

The enclosure shall be constructed from metal, compact in design, and powered via 12V DC.