

Matrox[®] Release Notes

Matrox[®] QuadHead2Go[™] Series

Software version 1.00.00

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www.matrox.com/graphics

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Graphics for Professionals

Overview

This document describes the release of the QuadHead2Go firmware (v. 1.00.00). Matrox provides these notes to describe known issues and limitations with the QuadHead2Go firmware package. This firmware is compatible with both QuadHead2Go products: the standalone appliance (Q2G-DP4K) and the PCIe card (Q2G-DP4K-C).

Supported features

- Out of the box support for the following configurations (all outputs 1920x1080 @ 60Hz):
 - 2x2 Landscape (3840x2160 @ 60Hz input)
 - 2x2 Portrait (2160x3840 @ 60Hz input)
 - 1x2 Landscape (1920x2160 @ 60Hz input)
 - 1x2 Portrait (1080x3840 @ 60Hz input)
 - 1x3 Landscape (1920x3240 @ 60Hz input)
 - 1x3 Portrait (1080x5760 @ 60Hz input)
 - 1x4 Landscape (1920x4320 @ 60Hz input)
 - 1x4 Portrait (1080x7680 @ 60Hz input)
 - 4x1 Landscape (7680x1080 @ 60Hz input)
 - 4x1 Portrait (4320x1920 @ 60Hz input)
 - 3x1 Landscape (5760x1080 @ 60Hz input)
 - 3x1 Portrait (3240x1920 @ 60Hz input)
 - 2x1 Landscape (3840x1080 @ 60Hz input)
 - 2x1 Portrait (2160x1920 @ 60Hz input)
 - Clone (all outputs will display a downscaled incoming signal)
- Ability to adjust output resolution and detailed timings based on attached monitor's EDID when **Force output mode** flag is disabled.
- HDCP is supported
- The following features are supported through Matrox PowerWall™ or the Matrox QuadHead2Go API:
 - Clone mode

- Rotation
- Edge overlap
- Video scaling and cropping
- Bezel management (supported on every edge for each output)

Notes and limitations

- The current Firmware Updater will overwrite a device configuration when upgrading from a beta software/firmware. *Newer version will preserve a device configuration across firmware/software updates.*
- Display drivers for your graphics hardware must be installed before you connect to your QuadHead2Go device.
- Currently, the display resolution and frame rate of your input source must match that of the selected layout.
- When using Ubuntu[®] with Matrox C680 graphics cards, mode line must be used for resolutions above 1024x768.
- When playing HDCP content on two monitors, outputs 1 and 4 of the QuadHead2Go must be used.
- When using QuadHead2Go with a C680 as a source with a resolution of 5760x1080 (3x1 Landscape), 7680x1080 (4x1 Landscape), or 4320x1920 (4x1 Portrait), make sure you're using C-Series display driver version 5.04.02 (October 2019) or newer.
- To view your system BIOS information, we recommend using the **Clone** layout. Layouts are selected by pressing button 2 on your QuadHead2Go device.
- If capturing HDCP content, make sure all monitors connected to your QuadHead2Go device are HDCP compliant.
- Reboot your device after a firmware update to enable HDCP.
- HDCP may not work with all adapters.
- Audio isn't currently supported.
- IPv6 isn't currently supported.
- VESA mount brackets (part number: RMK-6BRKT-A) aren't available in Q4 2019. For availability information, contact Matrox.
- To use the bezel management grid, your QuadHead2Go product must be receiving a video signal from a DisplayPort source.

- Bezel management values may not be applied to the correct edge when rotation is applied to the output. For more information, contact Matrox Technical Support.

Matrox QuadHead2Go REST API and PowerWall

To configure your QuadHead2Go devices, you can use the Matrox QuadHead2Go REST API (available upon request) or Matrox PowerWall. For more information, contact your Matrox sales representative.

Contact us

The Matrox web site has product literature, press releases, technical material, a sales office list, trade show information, and other relevant material. Visit us at www.matrox.com/graphics.

If you have any questions or comments about our products or solutions, contact us at www.matrox.com/graphics/contact.

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