# tvONE Releases Feature Rich CORIOmaster2 Update

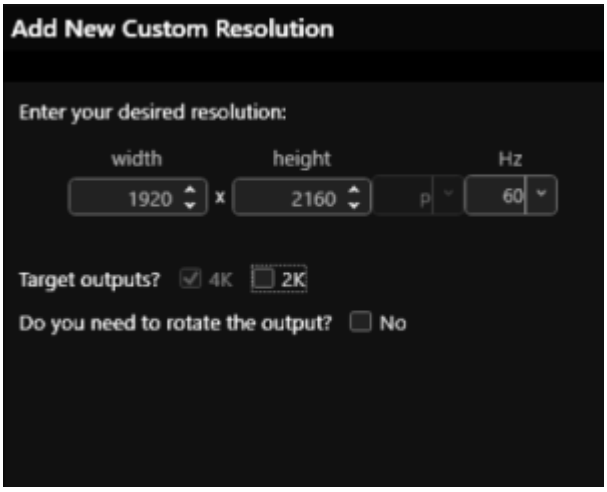
Posted on May 11, 2021




Cincinnati, OH, USA, –tvONE, a world-class developer and manufacturer of video conversion and AV signal distribution technology, has released a new software and firmware update for its powerful CORIOmaster2 video processor that offers a wealth of advanced new features, enabling video professionals to create augmented 4K/8K (4K60 4:4:4) video experiences for high-end LED installation, projection edge blends or monitor walls. Additionally, the updates have the potential to enhance a host of application uses, including in healthcare, broadcast, e-sports, live events, education, and corporate environments.

This latest update adds many new features including the new Quad 4K IN high bandwidth HDMI Input module (CM2-HDMI-4K-4IN)for CORIOmaster2 (CM2-547),an integrated custom resolution manager with storage for up to 20x custom resolutions, and layout only presets.

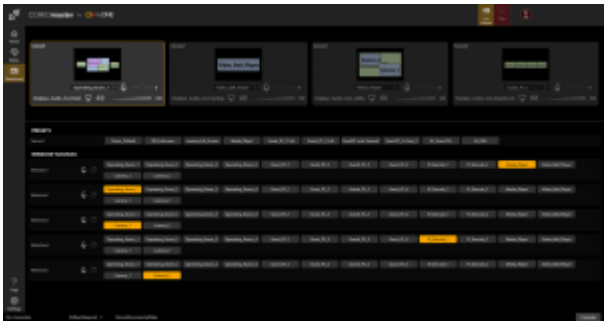
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Additionally, a range of new features have been added for systems that include a 4K streaming media and playback module. These include a new and powerful 8x HD synchronized playback feature, support for MPEG2 video playback, low latency IP streams from any encoder, storage of details for up to 40x encoders for IP streams, AES decode of encrypted streams and FTP media download capability for each module. The new Quad HDMI 2.0 input module supports resolutions up to 4K60 (4:4:4) and four of these modules can be fitted to a single CORIOmaster2 chassis. Our 4:4:4 color subsampling provides the best color performance, especially for LED walls and when accurate color rendition is essential for applications such as healthcare and corporate.

Our new Custom Resolution Manager is now fully integrated into CORIOgrapher allowing installers to easily create and verify custom output resolutions using basic display information for LED setups. From this basic setup, CORIOgrapher will guide you to your desired resolution.CORIOgrapher does the complex work making a very challenging task in to a simple one.In addition, synchronized playback is now available through the 4K streaming and media input modules. It also allows users to get creative and go beyond 4K resolutions for expansive video belts in broadcast studios, corporate lobbies, and live events to entertain and boost revenues. Users can simultaneously play up to eight reliable, synchronized media clips onto ultra-wide video canvasses.

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Additional functionality has been added to presets with a new layout only setting that can reduce the number of presets needed for a configuration by up to 10 times. Instead of creating multiple presets for every source in every window this new option allows significant efficiency boosts to programmers by creating presets where only the overall layout is changed instead.Alongside the CORIOmaster enhancements, a fully unified version of tvONE’s CORIOgrapher video wall software is also now available and offers full backwards compatibility with all CORIOmaster units, including CORIOmaster2 and CORIOview. CORIOgrapher is a simple, easy-to-use design interface that enables window and source positioning and transition effects. This dynamic feature is easily managed through presets in CORIOgrapher.
The new CORIOgrapher software version has a multitude of powerful editing features to improve the experience when building video layouts using the canvas editor, such as asset trays, new window handles, and right click features. Also included is the integrated custom resolution manager (output resolutions up to 3840 pixels wide) and a system configuration tool, built for system designers and integrators where the perfect product can be configured using available modules. A specific product code is generated making ordering the configured system or on the fly changes a breeze.

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For more information, visit www.tvone.com/products/video-wall-processors/coriomaster2
To download the latest software, visit https://tvone.com/tech-support/software.
To download the latest firmware, visit https://tvone.com/tech-support/firmware.

**About tvONE**

tvONE is a world class developer and manufacturer of video conversion and AV signal distribution technology, with offices in the US, and R&D and manufacturing facilities in the UK. tvONE provides a complete line-up of products and services for the professional AV, broadcast video, and digital signage markets. Following the global merger of tvONE and Magenta Research in July 2013, the company tvONE now encompasses these two superior brands under one umbrella.The tvONE brand specializes in video, audio, and multimedia processing equipment, based on its proprietary CORIO® video conversion technology. Products include all-in-one system solutions, windowing processors, scan converters, seamless switchers, video scalers, up/down/cross converters, analogue-digital converters, including SD/HD-SDI, HDMI, and DVI, format converters, and standard converters.

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