

# 4K Video Processing for small and medium applications



## tvONE **CORIOmaster<sup>2</sup>** LITE

Create the ultimate 4K60 video experience for your small to medium LED installations, projection edge blends or monitor walls. CORIOmaster2 LITE is simple to order and budget friendly.

tvONE

# CORIOmaster<sup>2</sup> LITE

CORIOmaster2 LITE is a purpose built, off-the-shelf, all-in-one 4K video processor with industry leading performance that is perfect for your small and medium installations. Using our proprietary CORIO® processing engine, CORIOmaster2 LITE provides unrivalled power and stunning quality for uncompromised, low latency video performance.



## Perfect for **Every Application**



Direct View LED



Edge Blended Projection



Display Walls

## **Easy to Specify:** Quick to Ship

CORIOmaster2 LITE is simple to order and comes at a fixed, budget friendly cost whatever system configuration you choose.

### Select Your System Configuration:



Input Slot 1:

**Select** your preferred input module



Input Slot 2:

**Fixed** 4 x 4K60 input module



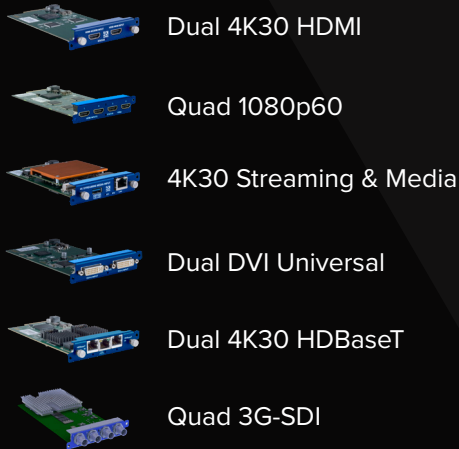
Output Slot:

**Select** a: 4 x 4K60 or 8 x 1080p60 module

## Input Options

In addition to the CORIOmaster2 LITE shipping with a quad 4K60 input, add a second module to cover you for all your system requirements for IP decoding, HDMI, HDBaseT, DVI, Broadcast, Media Playback or Analog.

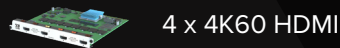
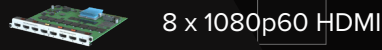
Input Slot 1:



Input Slot 2:



## Output Options



## Optional Accessories

Several options are available for CORIOmaster2 LITE to meet any additional system requirements:



Dual Redundant Power

Add a second 400W power supply to your CORIOmaster2 LITE for mission critical installations.



Audio Module

CORIOmaster2 LITE manages embedded audio as standard. For additional S/PDIF and Analog audio support, add an audio module.

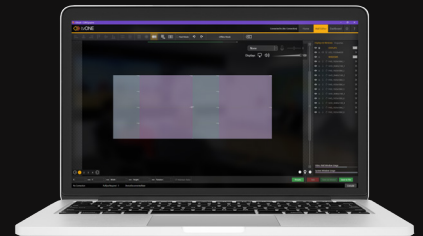


Air Filter

For added protection, add our stainless-steel air filter that can be reused time and time again after cleaning.

## Set Up

CORIOgrapher v3.6, our creative video wall software, allows ultra-quick video wall set up, working in either online or offline modes. Resize and move sources, control media clips or IP streams and control your entire visual experience using presets or our dashboard interface.

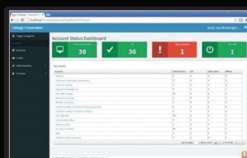


## Control



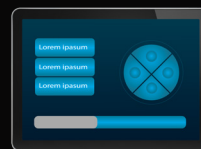
tvONE  
CORIOmaster App

- Available for iOS & Android
- Select custom presets
- Switch sources



Infrastructure Control  
Solutions

- Control any API level function
- API available at [api.tvone.com](http://api.tvone.com)



Automation Control  
Solutions

- Control any API level function
- API available at [api.tvone.com](http://api.tvone.com)
- Plug-ins for Crestron



tvONE Hardware  
Control Panel

- Control any API level function
- US form factor
- Supports up to 128 commands

tvONE  
**CORIOmaster<sup>2</sup>**  
 LITE

**CORIOmaster<sup>2</sup> LITE**  
 Key Features








<b>Video Processing</b>	CORIO FPGA Inside
<b>Video Latency</b>	Typically 1 frame (2 frames max)
<b>Inputs</b>	6-8 inputs
<b>Maximum 4K60 windows</b>	Up to 16 windows
<b>Maximum 1080p windows</b>	Up to 64 windows
<b>Outputs</b>	4 x 4K60 or 8 x 1080p60
<b>Resolutions</b>	88 Standard and 20 Custom
<b>Projector Edge Blends</b>	Available on all outputs
<b>Window Presets</b>	50 windows or layout only
<b>Transitions</b>	Window and source switching
<b>Audio Management</b>	Embedded or de-embedded
<b>Multi-user Control</b>	Up to 4 connections
<b>Control</b>	Real-time, RESTful & HTTPS
<b>Maximum Noise Level</b>	46dBA
<b>Warranty</b>	Five Years

**Variants**

\*Not Available in North America

CM2-541-3A1	1 x 4K2IN + 1 x 4K4IN + 1 x 4K4OUT
CM2-541-4A1	1 x 2K4IN + 1 x 4K4IN + 1 x 4K4OUT
CM2-541-5A1	1 x HDBT2IN + 1 x 4K4IN + 4K4OUT
CM2-541-6A1	1 x DVIU2IN + 1 x 4K4IN + 1 x 4K4OUT
CM2-541-7A1	1 x AVIP2IN + 1 x 4K4IN + 1 x 4K4OUT
CM2-541-8A1	1 x 3GSDI4IN + 1 x 4K4IN + 1 x 4K4OUT
CM2-541-3A2	1 x 4K2IN + 1 x 4K4IN + 1 x 8HDOUT
CM2-541-4A2	1 x 2K4IN + 1 x 4K4IN + 1 x 8HDOUT
CM2-541-5A2	1 x HDBT2IN + 1 x 4K4IN + 1 x 8HDOUT
CM2-541-6A2	1 x DVIU2IN + 1 x 4K4IN + 1 x 8HDOUT
CM2-541-7A2	1 x AVIP2IN + 1 x 4K4IN + 1 x 8HDOUT
CM2-541-8A2	1 x 3GSDI4IN + 1 x 4K4IN + 1 x 8HDOUT

**Companion Products**

IP Encoding	H.264 encoding Magenta encoder 100 		
HDMI Extension	HDMI 2.0 Fiber Magenta MG-FB-61x 	HDMI 2.0 Active Optical MG-AOC-66x series 	HDMI over HDBaseT HD-One series 
HDMI Distribution	Splitter MG-DA-612 	4 Port DA MG-DA-614 	8 Port DA MG-DA-618 

**CORIOmaster<sup>2</sup> LITE is the newest member of our video processing family that meets every application, I/O count, and budget.**



**CORIOmaster<sup>2</sup>**

Optimized for 4K60 environments and is 8K ready. Display up to 40 4K video sources with no visible latency and up to 56 outputs.



**CORIOmaster<sup>2</sup> LITE**

Designed for small and medium 4K60 installations with up to eight 4K video sources and four 4K60 or eight 1080p60 outputs with no visible latency.



**CORIOmaster**

Powerful stand-alone video wall processor for expansive 1080p installations which can also display up to 5 4K video sources and up to 56 outputs.



**CORIOmaster mini**

Compact form factor solution for smaller 1080p solutions with the ability to add 2 4K video sources and up to 20 outputs.



**CORIOmaster micro**

Ultra-compact processor for up to 8 outputs with 1080p environments with optional 4K connectivity.