

# TVOne CORIOmaster mini

Maximum impact. Minimal effort.



Introducing the TVOne CORIOmaster mini, the industry's first compact all-in-one videowall processor. Never before could such a compact design create so much video excitement.

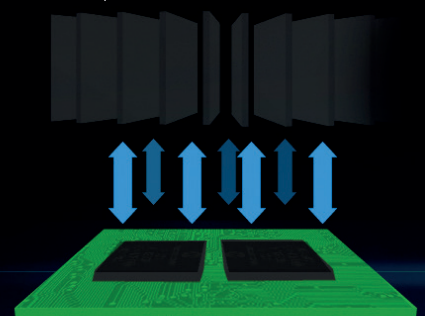
All-In-One. And Done.



The new CORIOmaster mini features a breakthrough 1RU design that packs real video processing punch. Up to 12 Universal DVI ports (or up to 18 SDI ports) fit within the mini's frame. That means you can prepare dynamic video events and design full-scale 3 x 3 video walls as simply as possible, thereby eliminating a rack's worth of discrete video components. With a fully loaded mini requiring less than 150 watts, users can save up to 10X the power to boot.

Like its big brother, the CORIOmaster mini features the patented TVOne Parallel Video Processing architecture that tightly joins patented CORIO® video processors with up to 12 independent video scaling engines. The mini is the only 1RU system capable of processing up to 26 Billion video matrix calculations per second with less than 2 frames of video delay.

Parallel Processing.  
Unparalleled Performance.

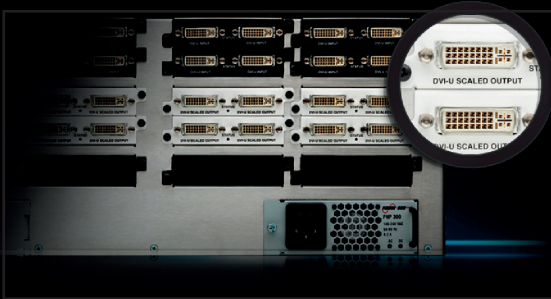


This radical design enables a breakthrough combination of video processing capabilities, including:

- Projector Edge Blending to combine multiple projectors with multiple video displays
- Highly flexible window management: window resizing, layering and positioning across displays
- 360° dynamic rotation of windows for optimal viewer impact (can be configured for real-time rotating videowalls as first demonstrated at Infocomm 2013)
- Multi-viewer single layouts with dynamic window designs for superior single display viewing
- Loadable graphic images for use as a window on the canvass
- Preset layouts offering an intuitive way to switch between preferred canvass designs
- Software upgradeability to support future features, thereby maximizing long term value

Further, the CORIOmaster mini Parallel Processing design delivers a no-compromise viewing experience as it delivers Real Time Video Quality with less than two frame signal delay from input to output. Only CORIO can massively parallelize video tasks to deliver the highest quality video possible at ultra-low latency.

When it comes to I/O, we don't play favorites.

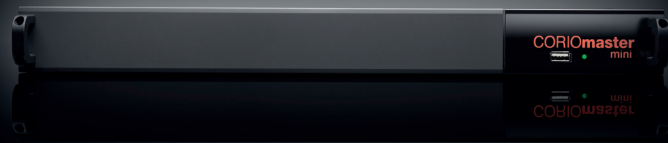


Complementing the processing skills of the mini is an unparalleled I/O versatility. From a single Universal DVI module inserted into five available AV slots, the mini supports the full range of analog and digital formats as well as up, down or cross conversion to virtually any HD or PC Resolution. NTSC and PAL standards are supported. Each module provides two I/O ports with each having independent video scaling engines.

The ultra-modular CORIO design further allows users to mix and match Universal DVI, HDBaseT and 3G/HD/SD-SDI broadcast grade modules. This versatility gives users unmatched flexibility to configure the mini to meet the full range of video processing needs.

**Partner with the industry leader to choreograph your video designs.** Whether you are designing for live events, advanced video walls, or unique multi-display environments, it's time to maximize your video excitement. Partner with TVOne, the industry leader and the only company to stand behind its products with a comprehensive five-year warranty. Get started today with the new CORIOmaster mini.

## CORIOmaster mini Specifications



Size & Weight	
All-in-One Enclosure	High Density 1RU (1.73", 17.0", 13.1") 5Kg, (11.03lbs)

Video Processing Power	
Parallel Processing Architecture	Yes
CORIO® Video Processing	Yes
Real Time Video Quality	<2 frame signal delay from input to output
4:4:4 High Quality Video Processing	Yes
CORIO Firmware Upgradable	Yes via Software

Input/Output Options	
Universal DVI (analog & digital)	12 via DVI-U (HDMI & HDCP compatible) High Density
HDBaseT Scaled Outputs	Up to 8
3G/HD/SD-SDI	Up to 10
HD-SDI 4 Input Module	Up to 16

Video Walls & Canvas	
Number of Videowalls	1
Display Size Compensation	Yes, Different Size Displays in Video Walls
Real Time 360 Output Rotation	Yes, 1° increments
Edge Blending & Image Warping	Yes
HDCP Key Handling	Yes

Resolution Inputs/Outputs	
Analog	PC Up to 2048x2048, HDTV to 1080p/60
Digital	PC Up to 1920x1200, HDTV to 1080p/60 wEDID
TV Format Support	NTSC, PAL, PAL-M/N, SECAM
Up/Down/Cross Video Conversion	Yes, Built-in

Routing & Switching	
Video & Audio Routing	Any video input source routed to any window and, window layer priority changed
Independent & Group switching	Yes

Power	
Consumption	Low Power Consumption 160w max.
Voltage	110v to 240v auto-detecting
Factory Installed Dual PSU	Optional -1 Inlet

In The Box	
Contents	Control Software, Manual, Power Cable

Operating Requirements	
Operating Temperature & Humidity	0° to +40° C (+32° to +104° F): 10% to 85%,
MTBF	Approximately 50,000 hours

Warranty	
Parts & Labor	5 years parts and labor

