Make the most of your visual space
The 4K multi-window viewer redefined

OVERVIEW

CORIO\view is the fastest, most intuitive 4K multi-window processor with up to 8 sources. This easy to use, plug and play solution features front panel control for preset recall or source selection. With Made To Order options and six off the shelf variants CORIO\view can take in almost any input type and display it on a HDMI display up to 4K. Input types include: IP, HDMI, DVI-U and SDI.

Preset Layouts
CORIO\view has 32 different preset layouts giving users the ultimate freedom for displaying any number of sources in different sizes and locations on the display.

Transitions
When selecting window layouts or switching sources; transitions, such as fade through black or eye-catching motion transitions, provide a unique visual experience.

Labels & Borders
Sources can be labelled making them easily identified. Borders can be added to labels and video windows.

Front panel control
CORIO\view's front panel is minimalist in its design and is easy to use. Users can activate preset layouts, route video and audio using the front panel. The Info button, a first in the AV industry, is an instant source of information displaying current source and window assignments.

Format conversion
CORIO\view offers Up/Down/Cross conversion for the full range of analog and digital video signals using high quality CORIO scaling engines.

Control Options
CORIO\grapher is tvONE’s intuitive control software for configuration and operation of your CORIO\view. Optimized for multi-window operations and touch screen control, CORIO\grapher functionality includes selecting preset layouts, labelling, bordering and configuring sources. Other options include a real-time API together with AMX & Crestron plug-ins.

Audio Embedding / De-embedding
Audio can be output through the display or the integrated S/PDIF port with any input able to be routed to any output.

Ultra-Quiet Operation
CORIO\view is perfect for your in room install with its whisper quiet operation.

Mounting Options
A 1RU mounting kit is available for both single and dual units as well as a surface mount option for mounting on tables or walls. Or choose to install in your ONErack system with our customized CORIO\view module.

Made to Order

Choose your output Module
- Chassis + HDMI (UHD 4K) out
- Chassis + Cloned DVI-U (1080) out
- Chassis + Cloned 3G-SDI out
- Chassis + Cloned HDBaseT (1080) out

Choose up to 2 input Modules
- 4 x HDMI (1080p)
- 4 x 3G-SDI (1080p)
- 2 x DVI-U (1080p)
- 2 x HDMI (UHD 4K)
- 2 x HDBaseT (UHD 4K)
- 4 x HD-SDI (1080i)
- 2 x AV/IP (UHD 4K)

Off the Shelf

- MWP-4H-1Y 4 x 1080p HDMI
- MWP-8H-1Y 8 x 1080p HDMI
- MWP-4Y-1Y 4 x UHD 4K HDMI
- MWP-4D-1Y 4 x DVI-U
- MWP-8GS-1Y 8 x 3G-SDI
- MWP-4Hi-1Y 4 x 1080p HDMI & 2 x Streaming media & 4K playback

KEY FEATURES

- Advanced 4K processor with up to 8 sources
- 1RU ½ width form factor with ultra-quiet operation
- Intuitive Front Panel Control for presets and switching
- Mixed Input types including: IP, HDMI, DVI-U & SDI
- HDCP Handling on HDMI Inputs & Outputs
- Eye-catching transitions or fade through black
- Source labelling and Borders
- Info button to easily indicate your source selection
- Audio breakaway from S/PDIF or display
- CORIO\grapher touch enabled control software
- Third party control through API or AMX & Crestron plug-ins
- Available in MTO versions plus six (6) off the shelf variants
- 19" rack, surface or ONErack mounting options
NEW FEATURES

Secure Command Interface
Secure Communication mode - provides a mode to encrypt all networked based communication through AES128 encryption to provide private communication in mission critical applications where network security and authentication is essential.

REST API / WebSocket - Based on industry standard schema, CORIOview supports REST API providing multi-user communication to the device. Integrators can now subscribe to a growing range of events to provide real time feedback from CORIOview (such as: HDMI handshake, lost source, USB stick removed). These events can be used by a control system to automatically monitor the performance and events of the videowall and respond accordingly.

Control
Multiple control points - Using our REST API up to four users can now control a single CORIOview simultaneously making programming, control and fault finding a dream. In addition to control via CORIOgrapher, simultaneous control is possible using a third-party control system using our real-time API interface.

Emergency cut/mute features - Cut individual canvasses to black and mute audio or cut all outputs to black and mute.

Output Cloning
CORIOview will now automatically “clone” the main output to a second connector when a module is fitted with more than one output. This could reduce the quantity of equipment required in the set-up enabling the output from CORIOview to be sent to two different displays without the need for a distribution amplifier.

EDID Manager
Provide an interface in CORIOgrapher to allow users to quickly and easily upload their own custom EDIDs to CORIOview. The feature allows a number of custom EDID’s to be loaded and assigned to inputs.

Output Rotation
CORIOview’s output can be rotated to use with landscape or portrait displays. Rotation can be set to 0°, 90°, 180° or 270° depending upon the display orientation. Rotation is achieved by a setting within CORIOgrapher.

Example set-up when used in a medical training application
Landscape Preset Layouts
Layouts 1 - 8

Layouts A - H

Portrait Preset Layouts
Layouts 1 - 8

Layouts A - H