

**C2-5100 Universal Video Scaler** is a multi-function image conversion and scaling product coming very near the ideal of “Anything In – Anything Out”. Not only is it a high performance Video Scaler, Up-Converter, Down-Converter and Multi-Format Seamless Switcher, but it goes far beyond that. It’s also a Worldwide Standards Converter, Chromakeyer, Lumakeyer, Picture-in-Picture Device, HDTV Converter, Frame Synchronizer, Time Base Corrector, Aspect Ratio Converter and a Universal Image Genlock, just to name a few. The 9-Inputs and 4-Outputs will accommodate Composite Video, S-Video, YCbCr, YPbPr, all HDTV formats and any RGBHV resolution up to 2048x2048 - not just some predefined ones, but ANY resolution, even custom ones. Plus, the C2-5100 also has 2-Outputs for Preview (RGBHV and Composite Video) to facilitate live event switching.

As a Picture-in-Picture Device, the C2-5100 Universal Video Scaler is unparalleled in its price range. Any video input can be squeezed and placed into a window of any size and positioned anywhere on the screen. The window can be placed over any other video input as the background. The image in the window can then be seamlessly switched to another video input. The image can also be zoomed while it is in the window.

C2-5100’s output signal format flexibility assures that the Native Resolution of virtually any Digital Display can be matched. Because of the integral resolution calculator, even new resolutions can be instantly added to the menu. Adjustments are provided for Brightness, Contrast Color Saturation and Hue (where applicable) and each video input has its own non-volatile memory to retain these settings, even when the power to the unit has been turned off. Integral Test Signals are user defined. A Logo memory is provided, so the unit can easily be used as a Logo Inserter. The C2-5100 employs advanced motion compensation to smooth out fast moving images and its automatic 3:2 Pull-down detection efficiently de-interlaces video from 24 fps film. The unit can be controlled from the front panel, via RS-232, IR or by the optional IP interface. The Windows Control Panel provides complete control of the unit and adds Macros to facilitate long, complex sequence of commands. Multiple units may be controlled from one Control Panel.

**C2-5200 Universal Video Scaler** provides all the features and functions of the C2-5100 and adds an SDI input and output. This brings the unit’s I/O total to 10 Inputs and 5 Outputs. Additionally, a second SDI input is provided exclusively as a genlock source. The SDI I/O is fully integrated into the architecture of the unit, so that any of the other signal formats may be converted to and from SDI and the SDI signal can be used as either the background or insert in the Picture-in-Picture windowing mode. Of course, it is also possible to seamlessly switch between any of the analog inputs and the SDI input.



**C2-5000 Series Front**



**C2-5100 Rear**



**C2-5200 Rear**



**Windows Control Panel**



**CC-300 CORIOconsole**

### Multiple Products in One

- Seamless Switcher
- Video Scaler
- Aspect Ratio Converter
- PC ◀-▶ HDTV
- PC ◀-▶ PC
- SDTV ◀-▶ HDTV
- HDTV ◀-▶ HDTV
- Analog ◀-▶ SDI
- Frame Sync / TBC
- Picture-in Picture
- Down Converter
- Standards Converter
- Multi-Format Genlock
- Logo Inserter
- Video Transcoder
- Chromakeyer
- Lumakeyer
- And more...





