



# C2-7260 Specifications

## Video Inputs

Composite Video 3x via BNC Connector  
 YC (S-Video) 3x via 4-PIN Mini-DIN Connector  
 DVI-I (Note 1) 3x via DVI-I Connector  
 SDI (SD or HD-SDI) 8x via BNC (Note 3)

## Genlock Input

Reference Signal Any of the Video Inputs

## 2x Independent Outputs, each with:

Composite Video 1x via BNC Connector  
 YC (S-Video) 1x via 4-PIN Mini-DIN Connector  
 DVI-I (Note 1) 1x via DVI-I Connector  
 SDI (SD or HD-SDI) 1x via BNC

## Input/Output Range

Computer Resolutions Analog: Up to 2048x2048,  
 DVI: Up to 1280x1024 @ 60Hz/1080p30  
 Max Vert Refresh Rate 250Hz  
 Max Horiz Frequency 150KHz  
 HDTV Resolutions All thru 1080p  
 Interface Support Progressive and Interlaced  
 Television Standards NTSC 3.58, 4.43, PAL-B,G,I ,D, H, PAL-M, PAL-N & SECAM (In Only)

SDI SD-SDI or HD-SDI

## Input RGB Sync

Type RGBHV, RGBS, RGsB  
 Level / Impedance TTL, 10KΩ  
 Polarity Positive or Negative  
 Maximum Level 5Vp-p

## Output RGB Sync

Type RGBHV, RGsB  
 Level / Impedance 5Vp-p, 220Ω  
 Polarity Positive or Negative

## YPbPr Input/Output Sync

Type Tri-Level

## Control Methods

Front Panel 48 Buttons + LED and LCD  
 RS-232 Interface DB-9 Male Connector  
 IP Interface RJ45 Connector

## Mechanical

Desktop Case (HWD) 44x432x201mm (1.75"x17"x7.9")  
 With Rack Ears (HWD) 44x483x201mm (1.75"x19"x7.9")  
 Weight (Net) 3.4 kg (7.48 lbs)

## Environmental

Operating Temperature 0° to +50° C (+32° to +122° F)  
 Operating Humidity 10% to 85%, Non-condensing  
 Storage Temperature -10° to +70° C (+14° to +158° F)  
 Storage Humidity 10% to 85%, Non-condensing

## Regulatory Approvals

Video Scaler Unit FCC, CE, RoHS  
 Power Supplies UL, CUL, CE, PSE, GS, RoHS

## Warranty

Limited Warranty 2 Years Parts and Labor

## General

Image Size & Position AutoSet or Manual  
 Image Zoom Range Continuous to 10x  
 Image Shrink Range Continuous to 10%  
 Image Mirroring Horizontal and/or Vertical

Image Freeze Full Frame  
 Video Sampling Rate 108MHz  
 Resolution Memory Approximately 1,000 Definable  
 Firmware Memory Flash, Upgradeable via RS-232  
 Flicker Filter 4-Level Vertical  
 PIP 2 Windows and Background from any 3 Video Inputs  
 Number PIP Windows 2 in Dual PIP Mode  
 1 in Switcher & Ind. Modes  
 Video I/O Impedance 75Ω  
 Video Decoder 9-bit Digital  
 Comb Filter Decoding Adaptive  
 De-Interlacing (PAL-NTSC) Pixel-level Motion Adaptive  
 Film Mode (NTSC) 3:2 Pull Down Detection  
 Video Encoder 10-bit Digital  
 Digital Sampling 24-bit, 8-bits per R, G and B  
 Colors 16.7 Million  
 Video Scaling Engine Proprietary CORIO®2  
 Internal Format 4:4:4 YUV  
 Internal Test Patterns User Defined  
 LCD Panel 24x2 Character  
 Logo Inserter Flash Programmable  
 Proc Amp Adjustments Brightness, Contrast, Saturation, & Hue for CV & YC Inputs, plus Video Level for RGB Input Settings for each Video Input  
 Proc Amp Memory  
 SDI Jitter  
 SMPTE259M-C (270Mbps: 525/625 Line) Jitter 0.070 +/-0.01 UI  
 SMPTE292M (1.485/1.4835Gpbs: 720p, 1035i, 1080i, 1080p) Jitter 0.176 +/-0.02 UI

## Power Requirement

Internal Power Supply 100-240VAC, 47-63Hz, 50W

## Accessories Included

2x Adapters DVI to HD-15F Adapters  
 1x AC Power Cord US, UK or Euro  
 1x Operations Manual  
 1x Rackmount Kit 2 Ears and 4 Screws

## Product Item Number

C2-7260 Version with 8 HD-SDI Inputs

## Optional Accessories

CC-300 CORIOconsole  
 A2-2000 Audio Switcher  
 RM110 Long arm rack ears for 24" to 32" deep racks  
 1x Control Software Downloadable from website

## Audio Switching (Optional A2-2000) Note 2

Stereo Inputs 10x Balanced and Unbalanced  
 Program Output 1x Balanced and Unbalanced  
 Preview Output 1x Balanced and Unbalanced  
 Connectors per I/O 2x RCA for Unbalanced

## Note

- (1) DVI-I Input/Output connectors also accommodate RGBHV, RGBS (In Only), RGsB, YUV & YPbPr formats.
- (2) A2-2000 is controlled from the C2-7260 and provides Audio Follow Video or Breakaway.
- (3) Only 2 of the 8 SD/HD-SDI sources may be used at the same time. For example, in the Dual PIP Mode, if 2 HD-SDI sources are used for the windows, the image for the background cannot be another HD-SDI source

