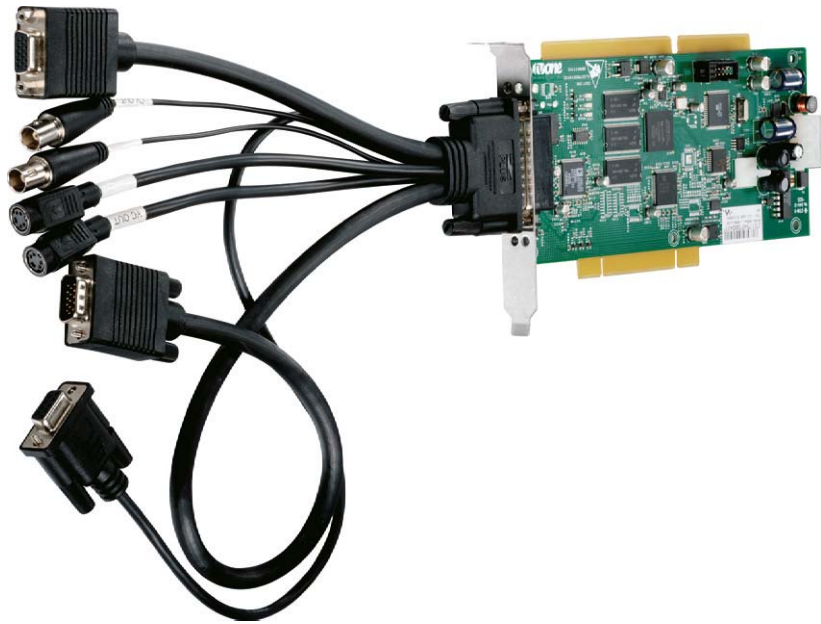


## C2-260

### Video Switcher/Scaler (▲×)

#### Key Features C2-260

- Up ▲, Cross × Conversion
- Automatic Incoming Resolution Detection
- 2x CV, 2x YC, 1x RGB/YUV/YPbPr Inputs
- 1x RGB or YPbPr Output
- Multiple Worldwide Television Standards
- Computer Resolutions to 2048x2048
- All HDTV resolutions to 1080p/60
- Control by RS-232 or IR Interface
- Windows Control Panel included
- Optional IR Remote Control
- Variable Image 10X Zoom & Shrink to 10%
- Scaling of the RGB or YPbPr Input Signal
- Mix, PIP, Chromakey and Lumakey
- Edge Blending
- AutoSet - Automatic picture sizing



**C2-260 PCI/ISA Card Video Switcher/Scaler** is based on TV One's exclusive CORIO®2 technology and provides high quality Up-Conversion from standard video formats (NTSC, PAL or SECAM) to Computer or HDTV signals. It also handles Cross Conversion from any PC/HD signal to any other. Video Inputs are two Composite, two YC or one RGBHV, YUV or YPbPr Component. The output is selectable as any computer resolution up to 2048x2048 at any vertical refresh rate and all HDTV resolutions up to 1080p. A wide variety of computer signal formats are available to support PC, Mac and Workstation formats.

All the functions can be controlled via a Windows Control Panel from the host PC via an RS-232 connection. An Infrared Port is located on the card's mounting plate and an optional Remote Control Unit can be used for initial setup of the unit. An OSD (On-Screen Display) is provided to assist in setup. Most third party control systems interface directly with the C2-260 as with the entire C2 range of products.

Variable Zoom to 10X allows you to enlarge any part of the video image to fill the entire computer screen and position controls allow you to move around to any area desired. Variable Shrink to as little as 10% allows the image to fit onto most displays. The full bandwidth chroma sampling insures faithfully reproduced, high resolution colors.

The C2-260 also features a wide variety of additional capabilities such as scaling of the RGB or YPbPr input, Genlock, PIP, Chromakey, Lumakey and Mixing. The Key Mode allows computer graphics to be keyed over an external Composite or YC signal or vice versa. The keyed image may be faded in and out. Due to the 4:4:4 sampling format, precise keying at the pixel level can be achieved. The Mix Mode permits glitch-free mixing between the computer image and external video. The PIP Mode allows either of the video inputs to be inset in a window over the full computer input.

Our exclusive AutoSet feature takes the hassle out of setup by automatically sizing and positioning the computer image to fit exactly on the video screen. All settings are stored in non-volatile memory and are retained even when power is switched off.

## Video Switcher/Scalers

Distributor / Vertrieb:

**VIDELCO** – Professionelle Audio- Video- Medien-Technik!  
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## C2-260 Specifications

<b>Video Inputs</b>	(Note 1)	De-Interlacing (NTSC-PAL)	Pixel-Level Motion Adaptive
Television Standards	NTSC, PAL and SECAM	Comb Filter Decoding	Adaptive
Composite Video	2x via BNC on Breakout Cable	Film Mode (NTSC)	3:2 Pulldown
YC (S-Video)	2x via 4-Pin Mini-DIN on Breakout	Video Adjustments	Contrast, Brightness, Saturation, Hue (NTSC), R-G-B Levels
<b>Computer Input</b>	(Note 1)	<b>Operational Modes</b>	
RGB, YPbPr, YUV	1x via HD15	Key	Chromakey or Lumakey
Format - Analog	RGBHV, RGBS, RGsB, YPbPr	Mix	PC to/from Video
Sync	TTL Level, 10K $\Omega$ , Pos or Neg	PIP	Variable Window Size & Position
Termination	Into 75 $\Omega$	<b>Control Methods</b>	
R-G-B Level Range	0.5-2.0 Vp-p	Local	Via Included software
Scan Rate Detection	Automatic	Infra-Red	Via Optional Remote Control
PC Resolutions	Any up to 2048x2048	RS-232 Interface	Via D9 Female Conn. (Note 1)
HDTV Resolutions	Any up to 1080p/60	<b>Warranty</b>	
Max Horiz Scan Rate	150KHz	Limited Warranty	5 Years Parts and Labor
Computer Compatibility	PC, Macintosh, Workstations	<b>Regulatory Compliance</b>	
<b>Computer Output</b>	(Note 1)	PCI/ISA Card	FCC, CE, CSA, RoHS
Format - Analog	RGBHV, RGBS, RGsB, YPbPr	<b>Mechanical</b>	
Connectors	1x HD-15 Female	Size (W-D)	100mmx204mm (4"x8")
R-G-B Level	0.7 Vp-p	Weight (Net)	0.14kg (0.31lbs)
PC Resolutions	Any up to 2048x2048	<b>Environmental</b>	
HDTV Resolutions	Any up to 1080p	Operating Temperature	0° to +50° C (+32° to +122° F)
Vertical Refresh Rate	Any to 250Hz	Operating Humidity	10% to 85%, Non-condensing
<b>General</b>		Storage Temperature	-10° to +70° C (+14° to +158° F)
Size and Position	Automatic via AutoSet or Manual	Storage Humidity	10% to 85%, Non-condensing
Image Size	User-Definable Presets	<b>Power Requirement</b>	
Image Freeze	One Video Frame	12 VDC @ 800ma	Via PC Hard Drive Connector
Settings Memory	Non-Volatile	<b>Accessories Included</b>	
Zoom Range	Variable to 10X Zoom	1x Breakout Cable	HD-44 to Various Connectors
Shrink Range	Variable to 10%	1x Operations Manual	Provided on CD
Image Mirroring	Horizontal and/or Vertical	1x Control Software	Microsoft Windows Based
Horizontal Filtering	Full Digital	<b>Optional Accessories</b>	
Conversion Technology	Proprietary – CORIO <sup>®</sup> 2	IRC5	Infrared Remote Control
Color Resolution	24-bit (16.8 Million Colors)	<b>Note</b>	
Digital Sampling	24-bit, 4:4:4 format	(1) All Video and PC connections are via a breakout cable.	
Firmware Memory	Flash, Upgradeable via RS-232		
Video Decoder	9-bit Digital		



C2-260 Breakout Cable



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