



Kramer's award winning scalers offer the ultimate in image manipulation and processing. Our scalers use the latest in digital signal processing technology to provide the highest quality image possible, and flawless switching, combined with Kramer's renowned reliability.

Our extensive line of scalers, developed with the Kramer dedication to innovation and quality provide a multitude of features for you to choose from:

Highest Quality Scaling – Kramer's PixPerfect™ precision pixel mapping and high quality scaling technology supports resolutions up to 4K60 4:4:4 and fully complies with HDCP 2.2 and HDMI™ 2.0 standards

Glitch-Free Switching – From Fade-Thru-Black (FTB™) to immediate, seamless input channel switching, you define the application – we'll provide the technology

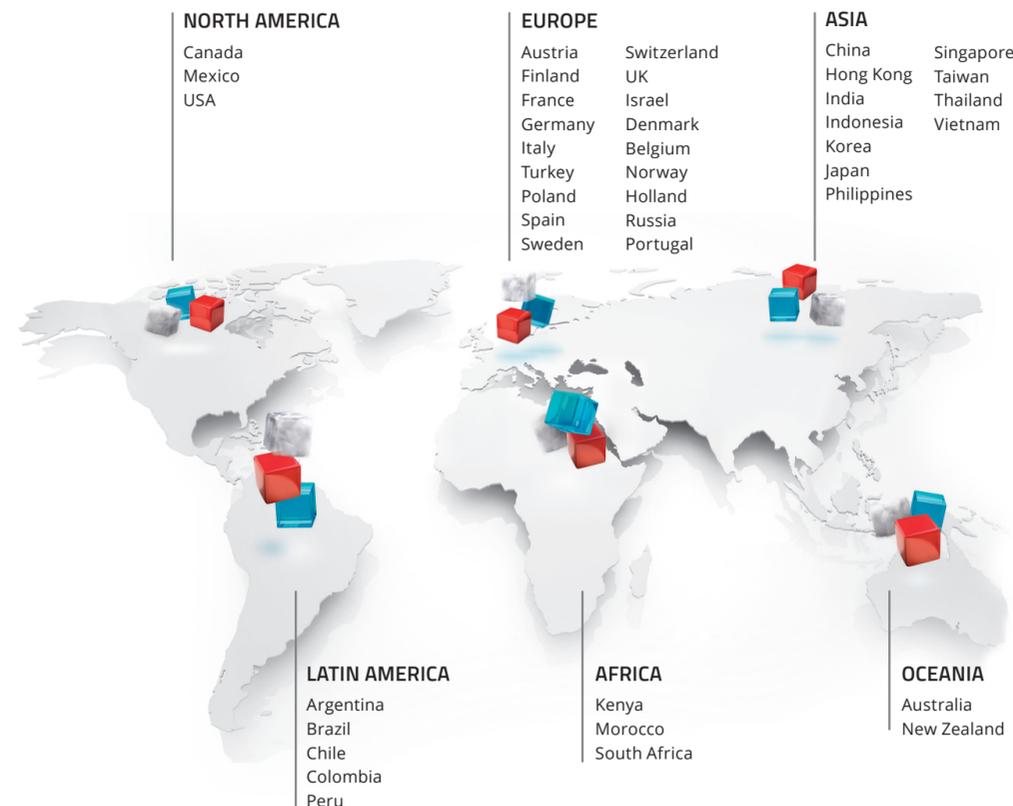
Powerful Audio – Via DSP technology, including audio equalization, mixing, delay and more

Multiple Control Options – RS-232 serial commands transmitted by touch screen system, PC, or other serial controller, Ethernet, including built-in web pages and Infrared remote control transmitter.

Identify, Compare, and Choose Your Next Scaler



**AV BEYOND
THE BOX**



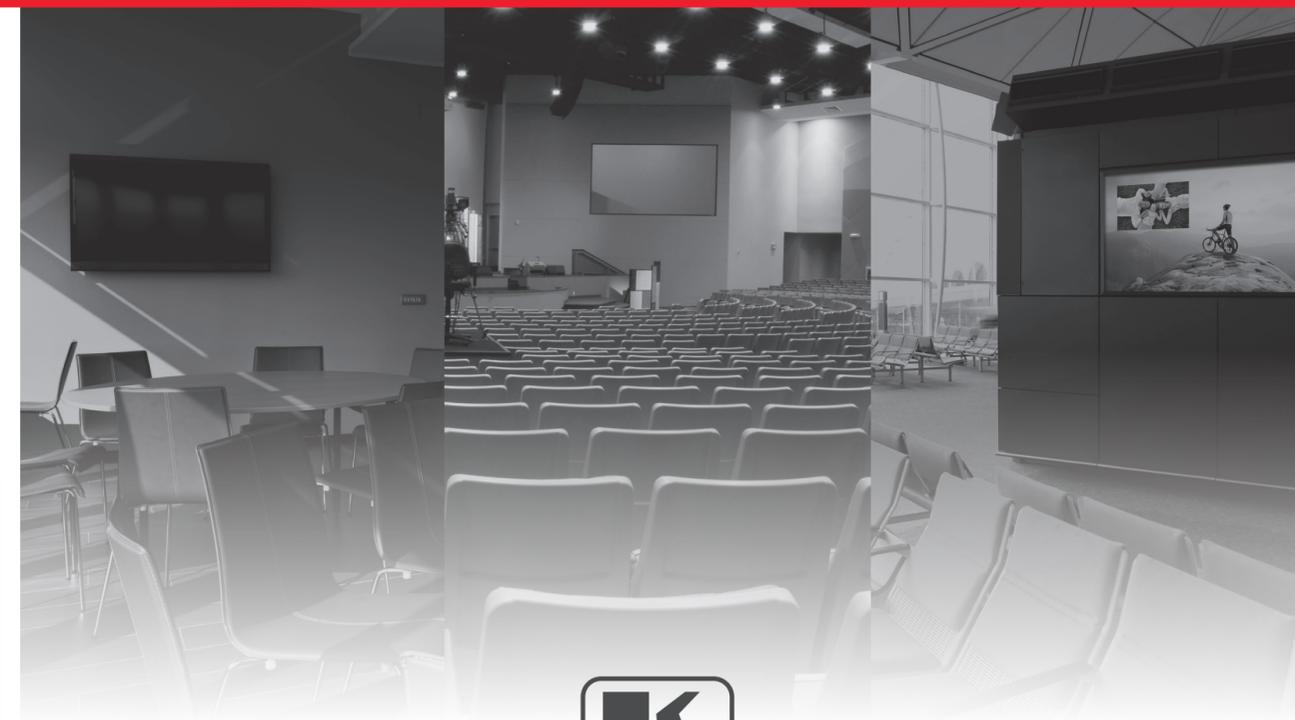
In 1981, Kramer was founded with passion and resolve to innovate in the video era. Since then, we have consistently grown and evolved with an industry that has raced forward at lightning speed. Today, along with our partners and distributors, we passionately serve Pro AV customers on six continents with innovative solutions powered by cutting-edge cloud technologies, advanced software applications and industry-leading hardware.

www.KramerAV.com

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Choose the Scaler You Need

Kramer has a scaling product or presentation system for every application, including homes, boardrooms, hotels, churches, lecture halls and training rooms, as well as more complex installations. Kramer scalers effortlessly switch and scale media players, computers, video conferencing systems, document cameras and satellite decoders to the native resolution of the display device.

Selected Scalers

PRODUCTS		VP-424C	VP-425	VP-426C	VP-426H2	VP-427H2	VP-428H2	VP-429H2	VP-440	VP-440H2	VP-444	VP-445	VP-506	VP-551X	VP-553XL	VP-558	VP-732	VP-734	VP-772	VP-778	VP-773A	VP-794	VP-796A	VSM-4X4A	
Size	MegaTOOLS	MegaTOOLS	MegaTOOLS	MegaTOOLS	MegaTOOLS	MegaTOOLS	MegaTOOLS	MegaTOOLS	½ 19" 1U	MegaTOOLS	19" 1U	19" 1U	TOOLS		19" 2U	19" 2U	19" 1U	19" 1U	19" 1U	19" 1U	19" 1U	19" 1U	19" 1U	19" 1U	
Video Inputs And Outputs	Video Inputs	HDMI USB-C	VGA/YPbPr	HDMI VGA USB-C	HDMI VGA	HDBaseT	HDMI 1x DP 1x VGA	2x HDMI 1x DP 1x VGA	4xHDMI 2xVGA	3x HDMI 1x HDBT 1x VGA	10xHDMI 2xVGA	6xHDMI 4xVGA 2xCV	DVI-I	8xHDMI 1xVGA 1xCV	3xHDMI 3xHDBaseT 2xVGA 2xTP 2xCV	6xHDMI 4xHDBaseT 1xVGA	4xHDMI 2xDP 4xUniv	4xHDMI 1xDP 2xUniv	8xDVI-U	4xHDMI 2xDVI-U 2xHDBaseT	4xHDMI 2xVGA 1xCV 1xDP	2xCV 1xY/C 1xYPbPr 1xVGA 1xDVI 1xHDMI 1x3G HD-SDI	1xCV 1xRGB/YPbPr 1xVGA 3xHDMI 1xDVI-U 1xDP 1xHDBaseT	4xHDMI	
	Video Outputs	HDMI	HDMI	HDMI	HDMI VGA	HDMI	HDBT	HDMI	HDMI HDBaseT	1x HDMI, 1x HDBT	2xHDMI	2xHDMI	CV	HDMI HDBT	2xHDMI 1xHDBaseT	4xHDMI 4xHDBaseT	2xHDMI 1xDP 1xVGA	HDMI VGA	2xDVI-I	2xHDMI 2xHDBaseT	2xHDMI 1xHDBaseT	DVI/HDMI VGA 3G HD-SDI	DVI/HDMI HDMI HDBaseT	4xHDMI	
	Independent Outputs	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	2	1	2	2	1	1	1	1	4
Switching	Auto-Input Switching	•		•	•		•	•	•	•	•	•		•			•	•		•	•				
	Max. Switching Transition (Sec)	4		2	3		4	2.5	3	4	3	3		2	3	3	3	3	0 (CUT)	0 (CUT)	3	4	0.9	0 (CUT)	
	Transition Effects																			•	•				CUT
	Genlock Input																						•		
Auto-Sync Off	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•			•	
Resolution	Max Input Resolution	4K60 4:4:4	1080p/WUXGA	4K60 4:4:4	4K60 4:4:4	4K60 4:2:0	4K60 4:4:4	4K60 4:4:4	1080p/WUXGA	4K60 4:4:4	1080p/WUXGA	1080p/WUXGA	1080p/WUXGA	4K60 4:4:4	1080p/WUXGA	1080p/WUXGA	2K	2K	1080p/WUXGA	1080p/WUXGA	2K	2K	4K60 4:2:0	1080p/WUXGA	
	Max Output Resolution	4K60 4:4:4	1080p/WUXGA	4K60 4:4:4	4K60 4:4:4	4K60 4:4:4	4K60 4:4:4	4K60 4:4:4	1080p/WUXGA	4K60 4:4:4	1080p/WUXGA	1080p/WUXGA	CV	4K60 4:4:4	1080p/WUXGA	1080p/WUXGA	4K30 UHD	4K30 UHD	4K30 UHD	4K30 UHD	2K	1080p/ WUXGA	4K60 4:2:0	1080p/ WUXGA	
	HDMI 2.0 / HDCP 2.2	•		•	•	•	•	•		•				•											
Enhanced Video Features	Zoom												•					•	•	•	•	•	•	•	
	PIP																		•	•	•	•	•	•	•
	Luma & Chroma Keying																		•	•		Luma			
	Quad / Videowall Option																								•
	Logo Insert																		•	•					
	Edge-Blending & Warping																						•		
	Built-In Test Patterns													•					•	•	•	•	•	•	•
Audio Features	Analog Audio Outputs			•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
	Microphone Inputs								•	•	2	2		2	•	•				2	2		2	2	
	Speaker Outputs													2x20W		•	2x10W	2x10W		2x10W	2x10W		2x15W		
	Audio DSP								•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	
	Volume Control			•	•			•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
Control	IR Control									•	•			•	•		•	•	•	•	•	•			•
	RS-232 Control							•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
	Ethernet Control							•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
	Contact-Closure Control	•		•	•			•	•																

* For additional scalers and pro AV products visit us online at www.KramerAV.com