



KRAMER

VP-792

MultiFormat to DVI/HDMI Digital HQV Scaler
with Warp Mapping, HQV & Geometric
Processing & Edge Blending

| Ethernet - RJ-45 | HDCP Compliant



The VP792 is a highperformance scaler for HDMI, DVI, analog VGA and component signals. It up or downscales the incoming signal, processes the image with HQV, flexible warping, geometry correction and edge blending and outputs the signal to a DVI/HDMI connector

FEATURES

Powerful Geometry Correction - For offaxis projection, pin/barrel and image rotation, pan, tilt and zoom

Full Warp Mapping - Easy warp map creation for stacked projector alignment and curved screen multiprojector tiling via an included PC application

Edge Blending - 4sided soft edge blend for seamless blending of multiple projectors; basic edge blending for general purpose applications

Multi-Format Operation - HDMI, DVI, computer graphics and component inputs for signals up 1080p & WUXGA

HQV® Video Processing - HQV (Hollywood Quality Video) processing represents the stateoftheart in video processing technology, with the highest quality deinterlacing (with 3:2 & 2:2 pull down), 4D motion adaptive SD noise reduction and outstanding scaling performance for both standarddefinition and highdefinition signals

HDTV Compatible

HDCP Compliant

Supported Resolutions - HD 720p, 1080i, 1080psf (psf digital only), 1080p23.97/24/25/30, 1080p30, 1080p59.94, 1080p60; ED 480p, 576p; SD 625i (576i), 525i (480i); common VESA graphics formats from 640x480 to 1920x1200 (with reduced blanking for 1920x1200 and 1600x1200 modes)

HDMI Support - Deep color up to 12 bit

Superior De-interlacing - Motion adaptive per pixel video deinterlacing with multidirectional diagonal deinterlace filter reduces HD & SD image flicker and artifacts

Selectable Processing Versus Latency - Best picture and low latency modes; latency as low as 0.25frame progressive inputs, 1.25field interlaced inputs

Selectable I/O Lock Mode - Or frame rate conversion mode

Selectable Aspect Ratio Conversion - Or incoming aspect ratio preserve mode

Flexible Colour Calibration Controls - RGB Gains, RGB CutOffs/Black Levels, Saturation, Hue, Brightness, Contrast controls, Gamma selection

Built-in Test Pattern Generator

Non-Volatile Memory - Autosaves and recalls settings

USB Port - For upgrading firmware

Programmable Customer Logo on Menu

Flexible Control Options - RS232, TCP/IP API and Web Server, keypad for direct input selection, PCbased Warp Map Generator tool and OSD menu access



KRAMER

TECHNICAL SPECIFICATIONS

| | |
|------------------------|--|
| INPUTS: | 1 component video YPbPr(S) or RGBS/RGsB on 3 or 4 BNC connectors, 1 DVI/HDMI on a DVII connector, 1 VGA (common with the DVI/HDMI input) on a DVII connector |
| OUTPUT: | 1 DVI/HDMI on a DVI connector |
| OUTPUT RESOLUTIONS: | Common VESA formats from 640x480 to 1920x1200, and HD formats at 720p, 1080p |
| LATENCY: | As low as 0.25frame progressive inputs, 1.25field interlaced inputs |
| SIGNAL PROCESSING: | 10bit signal inputs, 12bit accurate internal processing; 4field full resolution SD & HD processing |
| DE-INTERLACING: | Motion adaptive per pixel video deinterlacing, multidirectional diagonal deinterlace filter |
| WARP APPS: | Full Warp Mapping, 4Corner, Rotate, Pin/Barrel, Portrait, Keystone |
| EDGE BLENDING: | 10bit alpha blend |
| POWER SOURCE: | 12V DC, 1.5A approx |
| OPERATING TEMPERATURE: | 0° to +40°C (32° to 104°F) |
| PRODUCT DIMENSION: | 18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00") W, D, H |
| PRODUCT WEIGHT: | 1.8kg (4.1lbs) approx |
| SHIPPING DIMENSION: | 0.00cm x 0.00cm x 0.00cm (0.00" x 0.00" x 0.00") W, D, H |
| SHIPPING WEIGHT: | 2.5kg (5.5lbs) approx |
| STORAGE TEMPERATURE: | 40° to +70°C (40° to 158°F) |
| HUMIDITY: | 10% to 90%, RHL noncondensing |
| INCLUDED ACCESSORIES: | 12V DC power supply, DVID cable, user manual/CD |

