

Roland V-1HD-W 4-Channel HDMI HD Video Switcher Streamin Bundle

HD Video Switcher - 4 channel HDMI	
VIDEO	
Video Processing	4:2:2(Y/Pb/Pr), 8-bit
Input Connectors	HDMI INPUT 1-4: Type A(19pins)x 4 *HDCP Supported
Output Connectors	HDMI OUTPUT: Type A(19pins) / HDMI PREVIEW: Type A(19pins) *HDCP Supported
Input Formats	HDMI: 720/59.94p,720/50p(FORMAT switch = 720p) HDMI: 1080/59.94i,1080/50i,1080/59.94p, 1080/50p(FORMAT switch = 1080i or 1080p) *The input interlaced video signal is converted to progressive video signal by internal processing. *The video signal frame rate is selected by SETUP parameters (59.94 or 50).
Output Formats	HDMI: 720/59.94p,720/50p(FORMAT switch = 720p) HDMI: 1080/59.94i,1080/50i(FORMAT switch = 1080i) HDMI: 1080/59.94p,1080/50p(FORMAT switch = 1080p) *The video signal frame rate is selected by SETUP parameters (59.94 or 50).
Video Effects	Transition: CUT, MIX (DISSOLVE/FAM/NAM/MOSAIC), WIPE (30 types), TRANSFORMER(11 types) EFFECTS: NEGATIVE, EMBOSS, COLORIZE, COLORPASS, POSTERIZE, SILHOUETTE, MONOCOLOR, FINDEGE, FLIP, WH-LUMIKEY@, BK-LUMIKEY@, GR-CHROMAKEY@, BL-CHROMAKEY@, PinP(1/4)@, PinP(1/2)@, SPLIT(H-STRETCH)@. SPLIT(H-CENTER)@, SPLIT(V-STRETCH)@, SPLIT(V-CENTER)@ *@ marked Effects are effected common to A-BUS and B-BUS.
AUDIO	
Audio Processing	Sampling rate: 24bit/48kHz
Input Connectors	Digital: HDMI INPUT 1-4 (19 pins) x 4 Analog: AUDIO IN (RCA pin type), MIC (Stereo mini type, plug-in power supported)
Output Connectors	Digital: HDMI OUTPUT (HDMI Type A 19 pins), HDMI PREVIEW (HDMI Type A 19 pins) Analog: AUDIO OUT (RCA pin type), PHONES (Stereo mini type)
Input Level	AUDIO IN: -10 dBu (Maximum : +8 dBu), MIC: -41 – -13dBu (Maximum : -1 dBu)
Input Impedance	AUDIO IN: 15 k ohms, MIC:10 k ohms
Output Level	AUDIO OUT: -10 dBu (Maximum : +8 dBu), PHONES: 72mW + 72mW (32 ohms)
Output Impedance	AUDIO OUT: 1k ohms, PHONES: 10 ohms
Audio Effects	EQ, Delay, Compressor, HPF, Gate, Reverb, Mastering effect
OTHERS	
Other Connectors	USB: B Type (for remote control from PC), MIDI: IN, OUT/THRU
Other Functions	MEMORY (8 types), FREEZE (input video captured), BPM SYNC (auto transition synchronized to tempo), OUTPUT FADE (WHITE/BLACK)
Power Supply	AC adaptor
Current Draw	1.5A
Power Consumption	18W
Dimensions	313 (W) x 102 (D) x 59 (H) mm / 12-1/3 (W) x 4 (D) x 2-1/3 (H) inches
Weight	1.2 kg (excluding AC adaptor) 2 lbs 10-2/5 oz
Accessories	Owner's Manual, AC Adaptor, Power Cord, Cord Hook
Magewell USB Capture HDMI Gen 2	
Host Interface	USB 3.0, 300-350MB/s throughput USB 2.0 40MB/s throughput
HDMI Input	HDMI 1.4a standard, and support up to 1080p/60Hz 8-bit, (RGB, YUV)

Output Resolutions	Resolutions: 640x480 / 720x480 / 720x576 / 768x576 / 800x600 / 1024x768 / 1280x720 / 1280x800 / 1280x960 / 1280x1024 / 1368x768 / 1440x900 / 1600x1200 / 1680x1050 / 1920x1080 / 1920x1200 / 640x360 / 856x480 / 960x540 / 1024x576 Frame-rate: 25/29.97/30/50/59.94/60 fps
Sampling Rate	HDMI: 165 MHz
USB Standard	Meets the standards of UVC (USB video class) and UAC■USB audio class■
Color Space	YUY2, RGB24 Hardware adjustable
Scaling	Hardware based
Image Adjustment	Brightness, contrast, hue, saturation
Operating System	Windows 7 (x86 and x64 version) Windows Server 2008 R2 Windows 8 Windows 8.1 Linux (Kernel version 2.6.38 and above) OS X (10.8 and above)
Software Compatibility	Windows Media Encoder (Windows) Adobe Flash Media Live Encoder(Windows, OS X) Real Producer Plus(Windows) VLC (Windows, OS X, Linux) QuickTime Broadcaster (OS X) QuickTime Player (OS X) Wirecast (Windows, OS X)
APIs	DirectShow (Windows), DirectSound (Windows),V4L2 (Linux), ALSA (Linux)
Onboard Memory	64MB DDR2, 16 bits at 300 MHz
Upgradeable Firmware	Yes
Power Consumption	<= 2.5W
Operating Temperature	32 to 122°F / 0 to 50°C
Storage Temperature	-4 to 158°F / -20 to 70°C
Relative Humidity	5 - 90%
Dimensions	3.3 x 1.7 x 0.5" / 84 x 43 x 13 mm
Weight	<i>Not Specified by Manufacturer</i>