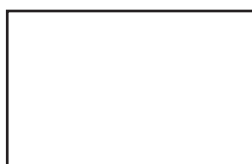


## 4x1 HDMI 2.0 4K60 Multi Viewer with Seamless Switching

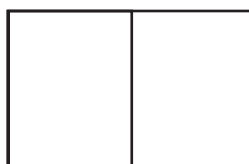
The VLML-4X1H20ET is a multi-view video processor that supports 4K@60Hz input and output. Up to 4 channels of 4K/UHD video signals can be simultaneously displayed on one 4K/UHD display.

The VLML-4X1H20ET offers seamless switching between 4 input signals, and supports multiple screen layouts such as Original mode, Dual-view mode, H mode, PIP mode and Quad mode to meet different image display needs. Available control methods include Front Panel, IR remote and IP and RS-232.

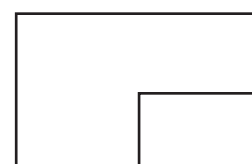
### Layout:



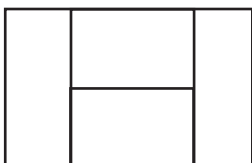
Original



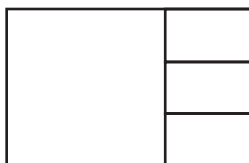
Dual-View



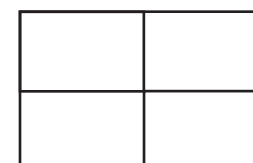
PIP



H



Master



QUAD

### Featured Highlights

**TRUE 4K@60HZ/UHD VIDEO:** Both HDMI input and HDMI output compliant HDMI 2.0b specification up to 4K@60Hz 4:4:4 8bit.

**RICH LAYOUT MODE:** Support six screen layouts, such as Original, Dual-view, Master mode, H mode, PIP mode and Quad mode.

**SEAMLESS SWITCHING:** Supports seamless switching under the same layout.

**CASCADE FUNCTION:** More inputs are displayed on the same display.

**IMAGE STRETCHING:** Optional support fixed aspect ratio and image stretching mode.

**AUDIO DE-EMBEDDING:** Supports audio de-embedding from the HDMI output.

**MULTIPLE CONTROL:** Supports multiple control methods, including button, IR and RS232 control.

TECHNICAL SPECIFICATIONS		MECHANICAL SPECIFICATIONS	
Video Input	4 x HDMI in	Operating Temperature	0°C to 45°C (32°F to 113°F)
Input Video Signal	HDMI 2.0b up to 4K@60Hz 4:4:4 8bit and HDCP 2.2	Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Video Output	1x HDMI out	Humidity	10% to 90%, non-condensing
Output Video Signal	HDMI 2.0b up to 4K@60Hz 4:4:4 8bit and HDCP 2.2	ESD Protection	Human-body Model: ±8kV (Air-gap discharge)/ ±4kV (Contact discharge)
Input/Output Resolutions Supported	VESA: 800 x 600, 1024 x 768, 1280 x 768, 1280 x 800, 1280 x 960, 1280 x 1024, 1360 x 768, 1366 x 768, 1440 x 900, 1600 x 900, 1600 x 1200, 1680 x 1050, 1920 x 1200, 2048 x 1152, 3840 x 2160, 3,5,6,8, 4096 x 2160, 3,5,6,8 SMPTE: 1280 x 720P6,7,8, 1920 x 1080P6,7,8,9  1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = at 60 Hz, 9 = at 120 Hz	Power Supply	12V/2A
Audio Format	HDMI: Supports all audio format in HDMI 2.0 spec. Audio Out: Stereo only.	Power Consumption (Max)	8W
Maximum Pixel Clock	600 MHz	Device Dimension (W x H x D)	230*25*142mm
Maximum Data Rate	18 Gbps	Product Weight	TBD
Control Method	Button, IR and RS232 and IP		

Classic Application Example

- Applications
1. Personal entertainment: multiple games on the same screen, live broadcast, and TV ball games.

2. Light commercial: Sport bar, bar, convenience store, car advertising display, etc.

