VW8804 4 Channel HDMI Video Wall Output Card



Feature

- Four-way HDMI-A interface output, 3.5 audio output;
- Video Wall Processing function;
- Maximum transmission distance can reach 7 meters;
- Support hot plugging, support seamless switch of audio and video together;
- Support EDID reading function;
- Support HDMI1.3a, HDCP1.3 protocol, DVI1.0 protocol;
- Four-way HDMI seamless output, maximum supported resolution is 1920*1200@ 60HZ, with four-way independent audiooutput,enabling HDMI audio dividing;
- Each output to the screen can open 2 windows which support cross screen, overlay, roam and scale arbitrarily

Specification

Model **Specifications**	**VW8804**
Protocol	
HDMI1.3a, HDCP1.3 protocol, DVI1.0 protocol.	
Video	
Gain	0dB
Pixel bandwidth	165MHz, all-digital
Interface bandwidth	2.25Gbps, all-digital (6.75Gbps in all, each color is 2.25Gbps)
Supported resolution	800x600@60,1024x768@60,1280x720@60,1280x768@60,1280x800@60, 1280x960@60,1280x1024@60,1360x768@60,1366x768@60, 1440x900@60,1600x900@60,1600x1200@60,1920x1080@25, 1920x1080P@30,1920x1200P@60,1920X1080P@60,1920x1080i@50, 1920X1080i@60;
Clock Jitter	<0.15 Tbit
Rise time	<0.3Tbit (20%--80%)
Fall time	<0.3Tbit (20%--80%)
Maximum transmission delay	5nS(±1nS)
Interface	Four-way HDMI-A interface, four-way 3.5mm audio base
Signal strength	T.M.D.S. +/- 0.4Vpp
Minimum/maximum signal level	T.M.D.S. 2.9V/3.3V

Impedance	50 Ω
EDID	N/A
Maximum DC biaserror	15mV
Suggested maximum input/output transmission distance	Maximum transmission distance is 7 meters with 1600x1200@60 (recommend to use HDMI dedicated wires, such as Molex TM wire)
Product weight	About 0.5KG
Maximum consumption	15W