VW88422 Channel HDMI Video Wall Output Card



Feature

- Two-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 HDMI1.4a, HDCP1.4 protocol, DVI1.0 protocol;
- Maximum supported resolution is up to 4K*2K@30HZ for single display, with two-way indepen dent audiooutput,enabling HDMI audio de-embedding ;
- Single port can open 2 windows based on 4K*2K resolution output;
- Support opening window freely and dragging window cross-screen, roam and re-sizing.

Specification

Model **Specifications**	**VW8842**
Protocol	
HDMI1.4a, HDCP1.3 protocol, DVI1.0 protocol.	
Video	
Gain	0dB
Pixel bandwidth	297MHz, all-digital
Interface bandwidth	4.5Gbps, all-digital (13.5Gbps in all, each color is 4.5Gbps)
Supported resolution	Max. 4Kx2K@30Hz
Clock Jitter	<0.15 Tbit
Rise time	<0.3Tbit (20%--80%)
Fall time	<0.3Tbit (20%--80%)
Maximum transmission d elay	5nS(±1nS)
Interface	Two-way HDMI-A interface, two-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 bias error	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	20W