

4-Port 4K HDMI Input Board for VW Series / 4-Port 4K HDMI Output Board for VW Series

VW784_VW884

VW784 / VW884 is a 4-port 4K HDMI input / output board built to work with VW3620 Modular Video Wall Processor, with VW784 taking 4 HDMI sources and VW884 enabling routing of 4 HDMI signals to 4 displays, meeting the increasingly stringent video wall requirements in mission-critical applications. With the support for Seamless Switch™, the VW784 / VW884 allows real-time video switching and stable signal transmission. The EDID Expert™ technology enables the selection of optimum EDID settings for smooth power-up, high quality display and use of the best video resolutions across different screens. A True 4K scaler is built into VW884 to handle different video resolutions. In addition, the VW784 / VW884 supports hot-swappable installation to give system integrators great flexibility and efficiency for maintenance.



VW784



VW784 Front View



VW884



VW884 Front View



Features

- Works with VW3620 to take 4 HDMI sources (VW784) and enable routing of 4 HDMI signals to 4 displays (VW884) for optimum flexibility
- Supports resolutions up to 4K for superior video quality
- True 4K @ 60 Hz scalability – supports custom resolutions and enables upscaling of signals for crystal clear, accurate imagery regardless of the display size or type from LED, LCD, DLP, to other large screens (VW884)
- Supports HDR, HDR+, and Dolby Vision
- Seamless Switch – unifies video formats to provide continuous video streams, real-time switching, and stable signal transmissions
- EDID Expert – selects optimum EDID settings for smooth power-up and the highest quality display
- HDMI (Deep Color, 4K); HDCP 2.2 Compatible
- Supports hot-swappable installation for great system integration flexibility and maintenance efficiency
- Output rates matched to input rates to prevent lagging and freezing, ensuring stable, smooth video display
- Consumer Electronics Control (CEC)

Specifications

	VW784	VW884
Video Input		
Interfaces	4 x HDMI Type-A Female (Black)	
Impedance	100 Ω	
Max. Distance	Up to 3 m	Up to 5 m
Video		
Max. Data Rate	18 Gbps (6.0 Gbps Per Lane)	
Max. Pixel Clock	600 MHz	
Compliance	HDMI (3D, Deep Color, 4K) HDCP 2.2 Compatible Consumer Electronics Control (CEC)	
Max. Resolution	4096 x 2160 / 3840 x 2160 @ 60 Hz (4:4:4)	
Power Consumption	17.71W	54.72W
Environmental		
Operating Temperature	0 – 40 °C	
Storage Temperature	-20 – 60 °C	
Humidity	0 – 80% RH, Non-Condensing	
Physical Properties		
Housing	Metal	
Weight	0.73 kg	0.92 kg
Dimensions (L x W x H)	19.3 x 27.1 x 27.4 cm	19.3 x 27.1 x 27.4 cm