

Multi-Function Video Display Processor Controller

Model:HW81600

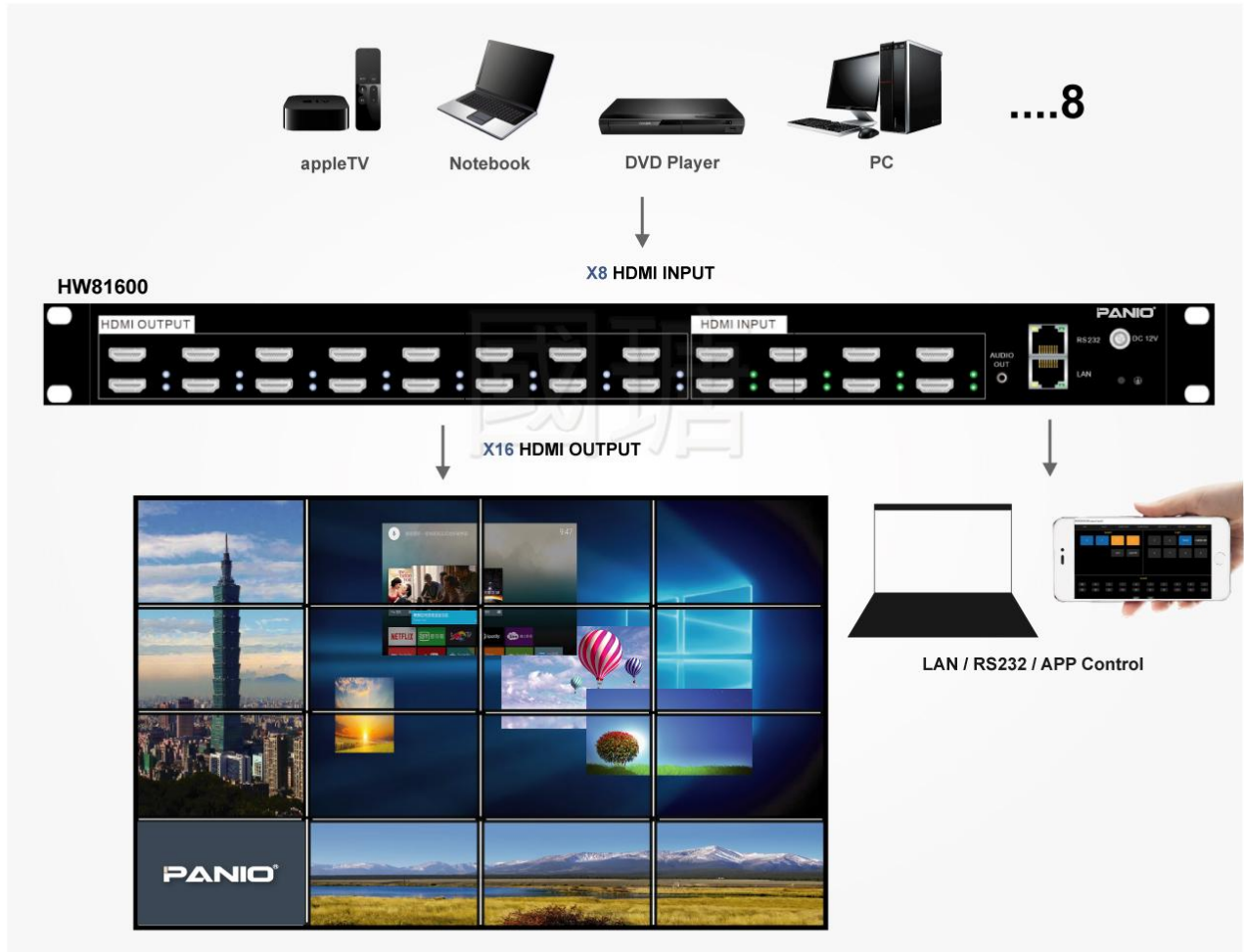
Features

- Supports 8 HDMI inputs and 16 HDMI outputs, with a maximum resolution of 1080P 60Hz.
- Each screen can simultaneously display up to 9 independent windows, enabling versatile multi-window presentations that boost information monitoring and visual management efficiency.
- Easily build vertical or horizontal video walls to suit various display sizes and aspect ratios, delivering optimal visual performance and immersive viewing experiences.
- Equipped with state-of-the-art image processing, this solution supports multiple video wall setups—including small window displays, picture-in-picture, cross-screen display, as well as free drag-and-scale functionality—to meet complex video presentation needs.
- Advanced settings and management can be conducted through PC control software. It features a built-in Web GUI control interface, supporting quick scene saving and recall for convenient operation.
- 3.5mm audio de-embedding for easy connection to external audio systems.
- Supports background image and scrolling text (marquee) functionality to enrich display content.
- Audio de-embedding is supported with an independent 3.5mm audio output.
- Supports background image and scrolling text (marquee) functionality to enrich display content.

Specification

Model Name	HW81600
Input Interface	8 x HDMI (Type A Female)
Output Interface	16 x HDMI (Type A Female), 1 x 3.5mm Audio Out
Supported Resolutions (Input)	720p, 1080p 30/50/60Hz
Supported Resolutions (Output)	1080p 60Hz
HDMI Pixel Clock	340MHz, Full Digital Signal Processing
HDMI Bandwidth	Total Bandwidth 10.2Gbps
Audio Format	44.1KHz, 48KHz, 96KHz, 176KHz, 192KHz
HDMI Cable Length Limit	5 Meters Max. on both Input and Output. For Longer Distances, HDMI Extenders are Recommended.
Control Interface	1 x RJ-45, 1 x RS-232
Control Method	Software Setting, Web GUI, RS-232 Commands, and APP Control
Power Supply	AC 110V-240V 50/60Hz DC: 12V 5A
Power Consumption	25W (Max)
Dimensions (WxDxH)	482 x 255 x 55mm

Diagram



Packaging contents

- 1 X HW81600
- 1 X 12V 5A adapter
- 1 X User manual