

TV Wall Controller

NEW

VIA MW810

VIA TV Wall Controller
-MW810
Multi-Screen Display and
Control System

■ PCIe2.0 Technology

To adapt the leading technology of second generation PCI Express, providing ultra-high bandwidth

■ High Level of Integrity

Simultaneous development of software and hardware to ensure the stability of reliability of product

■ Supports Multiple Interfaces

Supports DVI-D, VGA display input, and HDMI display output

■ Industrial Chassis

Adapt 3U industrial chassis, stable and reliable, fully supports 7x24 hours trouble-free operation

■ Safe and Reliable

Adapts highly efficient and stable power supply to greatly level up the safety of system power supply and feasibility

■ Windows®7 64-bit Operation System

Supports Windows® 7 64-bit operation system, providing the user more choices of system application



MW 810 multi-screen control system is excellent on both its performance and simultaneous display application, leading the industry of multi-screen surveillance and digital signage to step into a brand new era. MW 810 is stable, powerful and at the same time supports the supply of SDK for the customized UI (User Interface) development. It applies to diversified fields such as public safety, firefighting, electricity, transportation, public utilities, telecom, health and medication, education and government.

MW 810 multi-screen control system is pre-installed with S3 Maxwall surveillance management software, which enables the TV wall to display input images or videos from capture card, IP camera to the HD quality. Under the management of the control system there can have random windows, roaming, overlapping, and zoom-in and zoom-out functions for the visual signals, carrying out the eighteen-way Full HD decoding input and thirty-six-way Full HD decoding output or eight-way Full HD decoding input and sixty-four-way Full HD decoding output. And the display contents are smooth, clear and flexible.

Specifications

Model	MW810
Input Source	IP Camera or local multimedia · webpage URL
Operating System	Windows® 7 Professional 64-bit
Storage Device	1 x SATA3 HDD (spare disk function)
Input and Output	Simultaneously supports max 8 channels of Full HD output
Video Input List	HDMI/:640x480, 800x600, 1024x768, 1280x1024 1366x768, 1600x1200, 1920x1080, 1920x1200
Video Output List	HDMI/:640x480, 800x600, 1024x768, 1280x1024 1366x768, 1600x1200, 1920x1080, 1920x1200
I/O interface	8xHDMI /2 x USB/2xPS/2/1xFast UART serial port 2xRJ45 with LEDs for 10/100/1000Mbps Ethernet
Power Supply	200 Watt ATX PSU Power Input : 100~240V AC
Dimension	437mm (W) x 369mm (D) x 43mm (H)
Working Environment	Working Temperature: 0°C to 35°C Humidity: 10% to 90% (non-condensing)

Main Features

Cross-Screen Display	Every visual signal can be brought up to a cross-screen display to the maximized expansion to the entire TV wall
Random Roaming	Every input source can have random roaming which can show on any area of the TV wall without limit of border
Zoom-in and Zoom out Function	Every input source can have random zoom-in and zoom -out (individually or combined in groups) at the assurance of zero loss of image quality
Overlapping Function	Can carry out the overlapping of input sources, i.e. can randomly define the layer structure and layout arrangement
Full HD dynamic background	Supports full HD dynamic background, enabling a wider vision
Compensation on the edge	To adapt the technique of giant screen edge compensation, providing the best visual experience to the users
SDK support	Supports the supply of SDK in order for the secondary development

CE FC

ROHS
COMPLIANT



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* All product specifications are subject to change without notice. Update: Dec. 27, 2013.

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