

TV Wall Controller

NEW

VIA MW6010

VIA TV Wall Controller
-MW6010
Multi-Screen Display and
Control System



MW 6010 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 6010 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 6010 multi-screen control system is pre-installed with S3 Maxwell 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.

■ 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

Specifications

Model	MW6010
Input Source	Visual capture card, IP Camera or local multimedia webpage URL
Operating System	Windows® 7 Professional 64-bit
Storage Device	500GB SATA3 HDD x 2 (spare disk function)
Input and Output	Simultaneously supports max.18 channels of Full HD input and 36 channels of Full HD output, or 8 channels of Full HD input and 64 channels of Full HD output
Video Input List	RGB: 640x480,800x600,1024x768, 1280x1024, 1600x1200,1920x1080 DVI-D: 640x480,800x600, 1024x768, 1280x1024, 1600x1200,1920x1080
Video Output List	HDMI:640x480, 800x600, 1024x768, 1280x1024 1366x768, 1600x1200,1920x1080, 1920x1200
I/O interface	Video Output : 36 x HDMI (via adapter) Video Input : 18x DVI-D (via DMS59 to DVI-D adapter) or 18xRGB (in need of additional adapter) 2x USB/ 2 x PS/2 / 1 x Fast UART serial port 2x RJ45 with LEDs for 10/100/1000Mbps Ethernet
Power Supply	2 x 980 Watt Redundant PSU Power Input: 100~240V AC
Dimension	437mm (W) x 648mm (D) x 132mm (H) (25.5"x17.2"x 5.2") total length without fixing rack
Working Environment	Working Temperature: 0°C to 40°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
IP Camera	Up to 80 channels simultaneously decoding at maximum
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



VIA TECHNOLOGIES INC

1F, 531, Zhongzheng Rd., Xindian Dist. New Taipei City 231, Taiwan

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

Tel: 0800-882388
signage.viatech.com.tw