



ME multiView - visual systems by Mauell

OVERVIEW

Critical mission control rooms demand increasingly more process display options in terms of size, pixel density, brightness, contrast ratio and flexible integration features, among others. The same occurs with top board rooms and high-tech spaces.



Anticipating market demands, **Mauell** has enlarged its visual system family **ME multiView**, aggregating new options and functional flexibility to its related products and control systems.



Professional visual systems are based on rugged rear-projectors in conjunction with especially designed screens to generate high quality graphical and video images. Video walls are a composition of several special monitors, denominated rear-projection cubes, which can be freely piled and aligned forming a single giant screen. A controller (video wall manager) connected to all cubes transforms this monitor arrangement in a single logic monitor (e.g. Windows desktop).



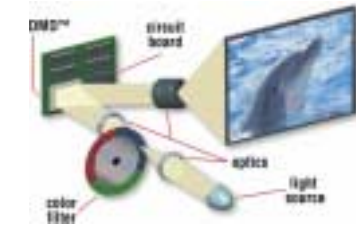
Each cube contains a projector, which generates an image reflected via a first surface mirror on the front screen. This mirror is placed at a certain angle optimizing the cube depth. The screen manufacturing follows rigid criteria according to the ambient conditions (mean temperature and humidity) of each installation world region.

ME multiView

ME multiView is **Mauell's** ultimate response for the dynamic professional visual system market. It is subdivided in two product families:

ME multiView cl

This product family consists in standard cubes for scalable assembly (cluster). It has the differential of long lifetime, being well suited for continuous 24 x 7 operation during one decade. The standard cubes, offered in various resolutions and diagonal sizes, can be piled and aligned in order to form giant scalable screens. The adopted rear-projection technology is **DLP® (digital light processing)**, the world leading professional imaging technology, which grants high durability and enormous operational stability to this visual system line.



These rear projection cubes have the general denomination **e.Cube cl**. The **ME multiView cl** line offers the following basic rear-projection cube aspect ratio options:

e.Cube cl-h2: with the modern 16 x 9 aspect ratio. This product line is extremely appropriate for projects in spaces with low ceilings and for applications with high pixel density.



The resolution is 1280 x 720 pixels (HD) and the screen diagonal size

options are 50" and 61".



e.Cube cl-xa: with the classical aspect ratio of 4 x 3.



The resolution is 1024 x 768 pixels (XGA) and the screen diagonal options are 50" and 67".



A new and advanced cube line with resolution of 1400 x 1050 pixels (SXGA+) is currently being prepared. The screen diagonal size options will be the same.

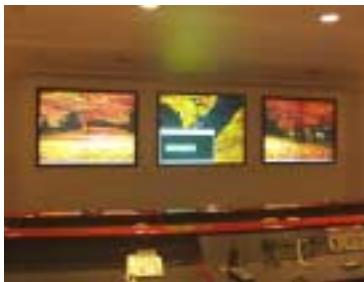


ME multiView tm

The **ME multiView tm** line consists in huge rear-projection structures manufactured in a customized way (tailor made), denominated **x.Cube tm**, with screen diagonal size options from 84" to 200" in various resolutions.

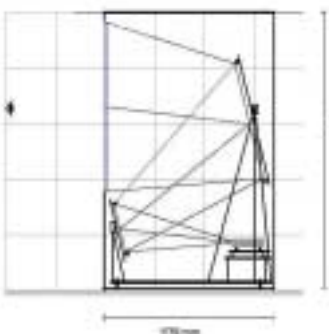


In these cases powerful projectors with DLP®, LCD polysilicon or LCOS technologies are used. Optionally **ME multiView tm** visual systems can be equipped with stand by projectors assembled on precise interchange (swap) structures.



This product line represents a very interesting and economical alternative for concentrated applications, like, for example, in power house applications.

ME multiView tm (84", 100")



Mauell holds all standard **x.Cube tm** projects for 84", 100", 120" and 160" screen diagonals. Variants, which suit better specific application needs, can be easily derived.



Managing

Mauell's visual system integration is achieved via the **e.WM M** manager, which is a dedicated multi-screening server with special software tools. These tools allow the capture, display and remote control of applications running on workstations connected on the local area network, capturing and display of RGB and video signals as well as task automation via scripting. The software tool family for the video wall manager is denominated **e.Tools M**.



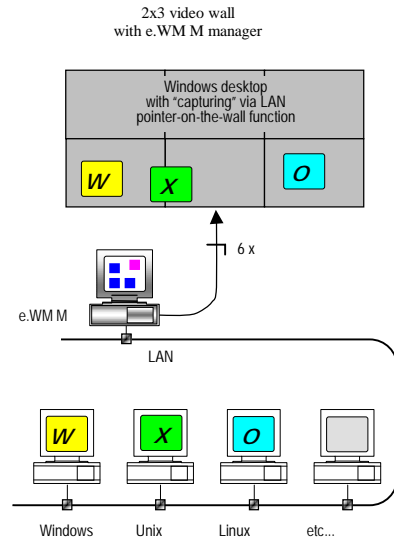
These capturing tools allow displaying simultaneously over TCP/IP workstation screens based on totally heterogeneous operational system platforms. **Mauell's** video wall managing software resources are the result of innumerable worldwide applications, being situated among the most powerful tools available on the visual system market. These tools are continuously improved, with the objective to best suit all current application needs.



Application example

One of the most common and flexible application is constituted by a video wall IP-connected via a **e.WM M** video wall manager. The manager transforms the whole projected area in a huge Windows desktop, with the *pointer-on-the-wall* function. The manager allows the capture of Windows applications, X11 based applications and others via the local area network. In this way the visual integration of heterogeneous platforms through LAN and WAN networks is performed. This configuration also allows the exhibition of multiple video signals on the video wall.

Additional resources for flexible and intelligent handling of video images in great amounts can be aggregated to the video wall.



Additional resources:

There are more additional resources which may be used in conjunction with **ME multiView** visual systems. The scenery command (window lay outs correlated to their specific sources) can be called through wireless intelligent remote controls. A simple touch on a button can initialize a videoconferencing session, the exhibition of an institutional movie, opening a presentation, etc..., in conjunction with curtain, lighting and other peripheral resources with automated and synchronized actions.

Enquire about your specific needs.



Subject to changes without prior notice.

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