

Elite 300 Series

Standalone Video Wall Controllers

Ultimate Design

Electronics Media's Elite-300 series display wall controllers are designed for 24/7 Command control room/ Operation room - Specially for mission critical Applications, industry-leading technology adopts new and advanced design that can simplify the installation and maintenance of the system.

Up to 4K Graphics output, Rack mounted design, can also be used alone and on screen size , Long-life, high stability, Redundant Power supply With its Hot-Swap & Power Sharing features, it can significantly increase the reliability, ensure 24/7 operation and minimize the total down time. Equipped RAID 1/5 Redundant - Hot swappable Disks Drives; Focus on the special industrial grade controller, Fully customized / freely configurable options.

Advanced Features

- ➔ Up to 18x outputs
- ➔ Output Up to 4K (3840x2160) resolution
- ➔ Synchronized outputs
- ➔ 24- bit true color image processing at full frame rate
- ➔ HDCP support
- ➔ Support for standard Windows applications
- ➔ Decoding of IP streams through
 - EM-Decoders with VIC Centre (ONVIF Support)
- ➔ Support for overlapping & portrait mode
- ➔ Redundant Power Supply (Hot Plug-in/ Swap)
- ➔ RAID 1 Redundant Hot swappable Disks Drives
- ➔ Windows 7 Ultimate or 10 Windows 64 bit
 - version (options)
- ➔ Easy Backup & Recovery over USB



SYSTEM PARAMETER	
Processor Type	Intel(R) Core(TM) i7-8700K CPU @ 4.70GHz (Turbo)
Memory	16//32/64 GB RAM
Hard disk	HDD drive bay with anti-vibration function Raid1 redundant setup with 2x 480 GB Solid-state drive (SSD) Or 2x 1 TB HDD (Hard disk drive)
Operating system	Windows 10 64bit Enterprise Edition Or Windows 7 64bit Ultimate/Pro
Software	VIC Centre Video Wall Control Software full license (VIC Graphics)
Optical drive	DVD R/W
Network	2x 1Gb/s LAN
Graphics card	Up to 3x6 channel high-performance professional VIC Graphics cards Or Up to 3x4 channel high-performance professional NVIDIA Quadro series cards
Output	Up to 12 4KUHD Displays Up to 18 2KFHD Display
Input	Up to 48 HD displays with EMV/PD series displays - loop through H.264, MPEG4, H.263, VNC Codecs Supported with EM-encoders

GREEN ENERGY	
Power	800W, Redundant
Input Voltage	88 ~ 264 Volts Ac
Frequency	47 ~ 63 Hz
Temperature Range	Operating +5° C ~ +40° C on 250W Output Load or -10° C ~ +50° C on 220W Output Load ; Storage & Shipping -10° C ~ +50° C
Humidity	90% on Operating, 95% on Storage
Cooling System	YATE LOON D12SM-12C 120mmx25mm 2ball bearing intake fans Removable front cover with air filter
Intelligent Energy Saving	All fans automatically activated if system temperature up to 38 degree-C and individual fan can be adjusted between 30~60 degree-C supported with four fan fail's indication and warning Alarm Supported with Celsius or Fahrenheit Degree (convertible by C/F button)

PHYSICAL CHARACTERISTIC	
Material	High grade aluminum rack mounting with handles
Color	Black (powder coated)
Form factor	4U housing for 19" rack 380mm (14.96" deep)
Weight	25 Kg