

Date: _____
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Project: _____

Video System Manager Pro

Composite

CONTROLLER

Deliver spectacular video, imagery, and visual effects to Ethernet lighting networks

Video System Manager Pro is an integrated hardware and software solution enabling video playback and visual effects output on Color Kinetics intelligent solid-state lighting systems. VSM Pro converts standard video content from a variety of media sources and outputs the content to installations containing thousands of individually controlled LED nodes. VSM Pro lets you create video on almost any interior or exterior surface where conventional high-resolution video screens might be impractical or cost prohibitive.



- Easy to use — VSM Pro accepts direct input from industry standard media devices and operates on dedicated Ethernet networks, letting you spend more time on the creative aspects of lighting design and less time on setup.
- Improved reliability — Solid-state drives reduce the number of moving parts to enhance the reliability of the Video System Manager Pro hardware.
- Pixel-perfect output — VSM Pro delivers 1:1 output (ratio to source video) up to 1024 x 768 resolution, providing the highest quality digital video possible.
- Flexible display capability — VSM Pro streams video content to intelligent color-changing and tunable white light LED lighting luminaires from Color Kinetics. Create large-scale video installations without the cost of a conventional video wall.
- Hardware support for small, medium, or large-scale lighting installations — VSM Pro hardware processes output for up to 250,000 individual LED nodes.
- Pre-loaded with Video Management Tool software — VSM Pro's software provides built-in node-mapping and light discovery features, eliminating the need for additional tools, and reducing installation time.
- Compatible with application-specific products — Combine VSM Pro's flexible playback capabilities with the content creation, visual effects editing, and scheduling features of third-party systems to create stunning video environments.

For more information, please refer to
www.colorkinetics.com/Is/controllers/vsmpro/

Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Electrical

Input Voltage	100 to 220 VAC, auto-switching, 50/60 Hz*
Power Consumption	400 W max.

Video Input*

DVI Interface	1024 x 768 on DVI connector
Composite Interface	704 x 576 (cropped D1 PAL), 29.97 frames/sec on RCA connectors or 704 x 480 (cropped D1 NTSC), 29.97 frames/sec on RCA connectors

Output

Network	KiNET Ethernet protocol via Gigabit Ethernet adapter†
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Capability

Supported LED nodes	Up to 250,000‡
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System Requirements

Software Requirements

Operating systems: Windows XP / Vista / 7 or Mac OSX 10.5.8 or greater

Hardware Memory Requirement	256 MB RAM
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Hardware Disk Space Requirement	40 MB free disk space
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* VSM Pro is available in two separate models: DVI Interface or Composite Interface.

† KiNET is the Ethernet lighting protocol from Color Kinetics.

‡ VSM Pro supports 250,000 nodes when using maximally loaded sPDS-480ca power/data supplies.

Physical

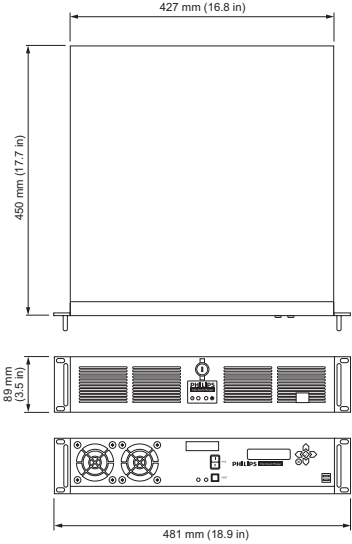
Dimensions	89 x 481 x 427 mm (3.5 x 18.9 x 16.8 in) <i>(Height x Width x Depth)</i>
Weight	14.3 kg (32.23 lb)
Housing	2U rack-mountable aluminium chassis
Operating Temperature	10 to 35 °C (50 to 95 °F)
Humidity	8 to 90%, non-condensing

Certification and Safety

Certification	UL, FCC, Class A, CE
Environment	Dry Location, IP20



Dimensions



Part Numbers

Use Item Number when ordering in North America.

Controller	Item Number	Item 12NC
Video System Manager Pro Composite	103-000022-05	910503702737



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Color Kinetics
www.colorkinetics.com