



Date: _____ Type: _____

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Project: _____

Video System Manager Pro

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 Philips 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 fixtures from Philips 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 detailed product information, please refer to the Video System Manager Pro Product Guide at www.philipscolorkinetics.com/ls/controllers/vsmpro/

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Specifications

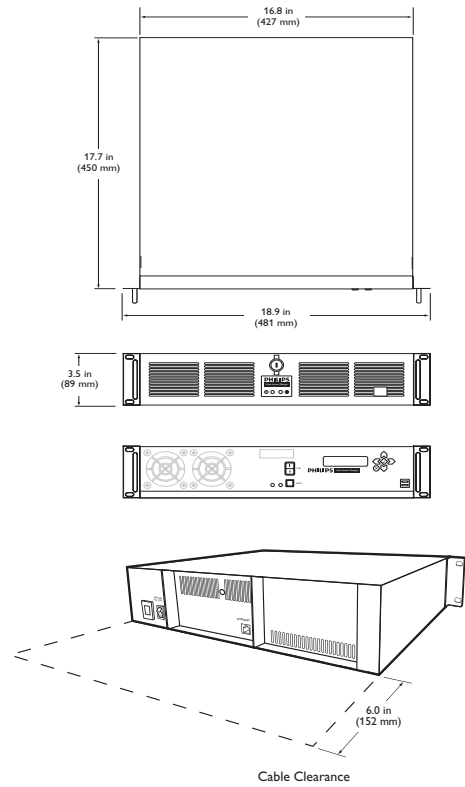
Due to continuous improvements and innovations, specifications may change without notice

Item	Specification	Details
Electrical	Input Voltage	100 – 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 704 x 480 (cropped D1 NTSC), 29.97 frames / sec on RCA connectors
Output	Network	KiNET Ethernet protocol via Gigabit Ethernet adapter†
Capability	Supported LED nodes	Up to 250,000‡
Physical	Form Factor	2U rack-mountable aluminum chassis
	Dimensions (Height x Width x Depth)	3.5 x 18.9 x 16.8 in (89 x 481 x 427 mm) 19-inch rackmountable
	Weight	32.23 lb (14.3 kg)
	Operating Temperature	50° – 95° F (10° – 35° C)
	Humidity	8 – 90%, non-condensing
Certification and Safety	Certification	UL, FCC, Class A, CE
	Environment	Dry Location, IP20

* VSM Pro is available in two separate models: DVI Interface or Composite Interface.

† KiNET is the Ethernet lighting protocol from Philips Color Kinetics.

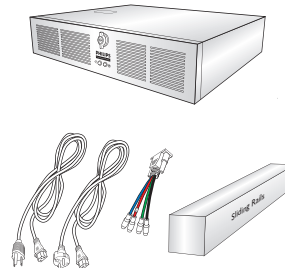
‡ VSM Pro supports 250,000 nodes when using maximally loaded sPDS-480ca power / data supplies.



Software Requirements

System Requirements	Specification	PC	Mac
Software	Operating System	Windows XP / Vista / 7	Mac OSX 10.5.8 or greater
Hardware	Memory	256 MB RAM	256 MB RAM
	Disk space	40 MB free disk space	40 MB free disk space

Included in box



VSM Pro Selection

Item	Item Number	Philips 12NC
VSM Pro DVI SSD	103-000022-04	910503702736
VSM Pro Composite SSD	103-000022-05	910503702737

Use Item Number when ordering in North America.

For detailed product information, please refer to the *VSM Pro Product Guide* at www.philipscolorkinetics.com/ls/controllers/vsmpro/



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