



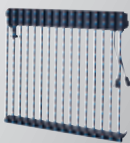
EVLED & EPV

EVLED & EPV PRO VIDEO LED SCREEN SERIES

EVLED
1024 SMD



EVLED
256



EPV 15
FLEX



EPV10



EPV
762MH

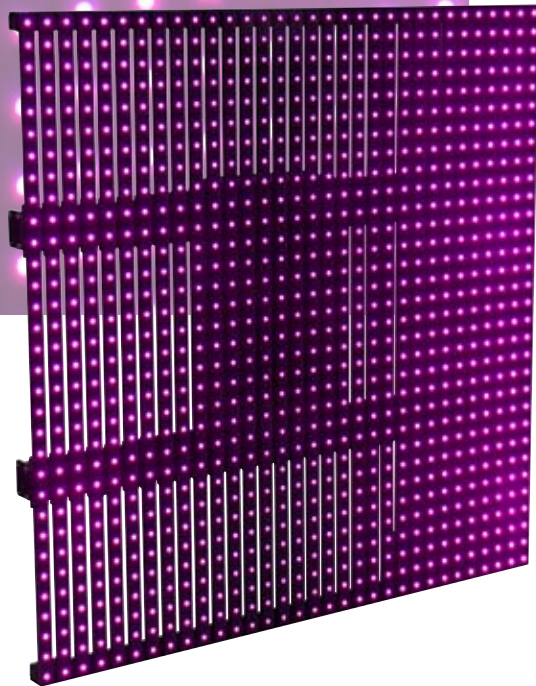
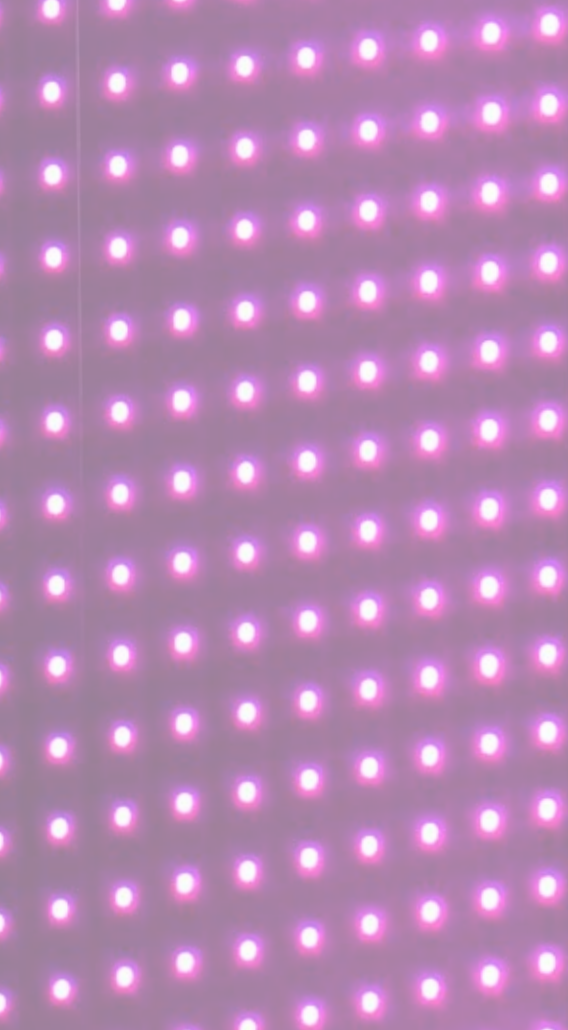


EPV 762



EPV6





EVLED 1024 SMD TRI LED

Model	EVLED-1024SMD
Transparency:	55%
Curtain Composition	Al-alloy frame, rubber compound dealing with seams for weatherproof
Tile Size	25.2 X 25.2 X 2.95 in/tile 640 X 640 X 75 mm/tile
Tile Weight	14.55 lbs/tile 6.6 kg/tile
Tile Area	0.4096m ² /tile
Pixel Pitch	20 mm
Luminosity	4000 nits
Color Temperature	6500 k
Visual Angle	150 / 150° (50% brightness)
Visual Range	160 / 160°
Pixel Configuration	1R 1G 1B (3-in-1 SMD)
Tile Resolution	32 x 32 pixels/tile
Pixel Resolution	2500 pixels/m ²
LED Quantity	2500 LEDs/m ² (3-in-1)
Color Number	14 Trillion
Processing Depth	14 bits
Contrast Ratio	2,000:1
Life Span	100,000 hours - LED; 50,000-70,000 hour - floor body
Frame Rate	60Hz
Data Refresh Rate	800Hz
Display Mode	synchronous with video source
LED Failure Rate	1/10000
MTBF	> 10000 hours
Drive Mode	Static, Constant Current Drive
Power Supply	AC 100-240V, 50Hz or 60Hz
Working Voltage	DC 5V
Power Consumption	380 w/m ² (max); 220 w/m ² (average)
Ingress Protection	IP65
Ambient Temperature	- 20 to +50 Celsius degree
Relative Humidity	10% to 99%



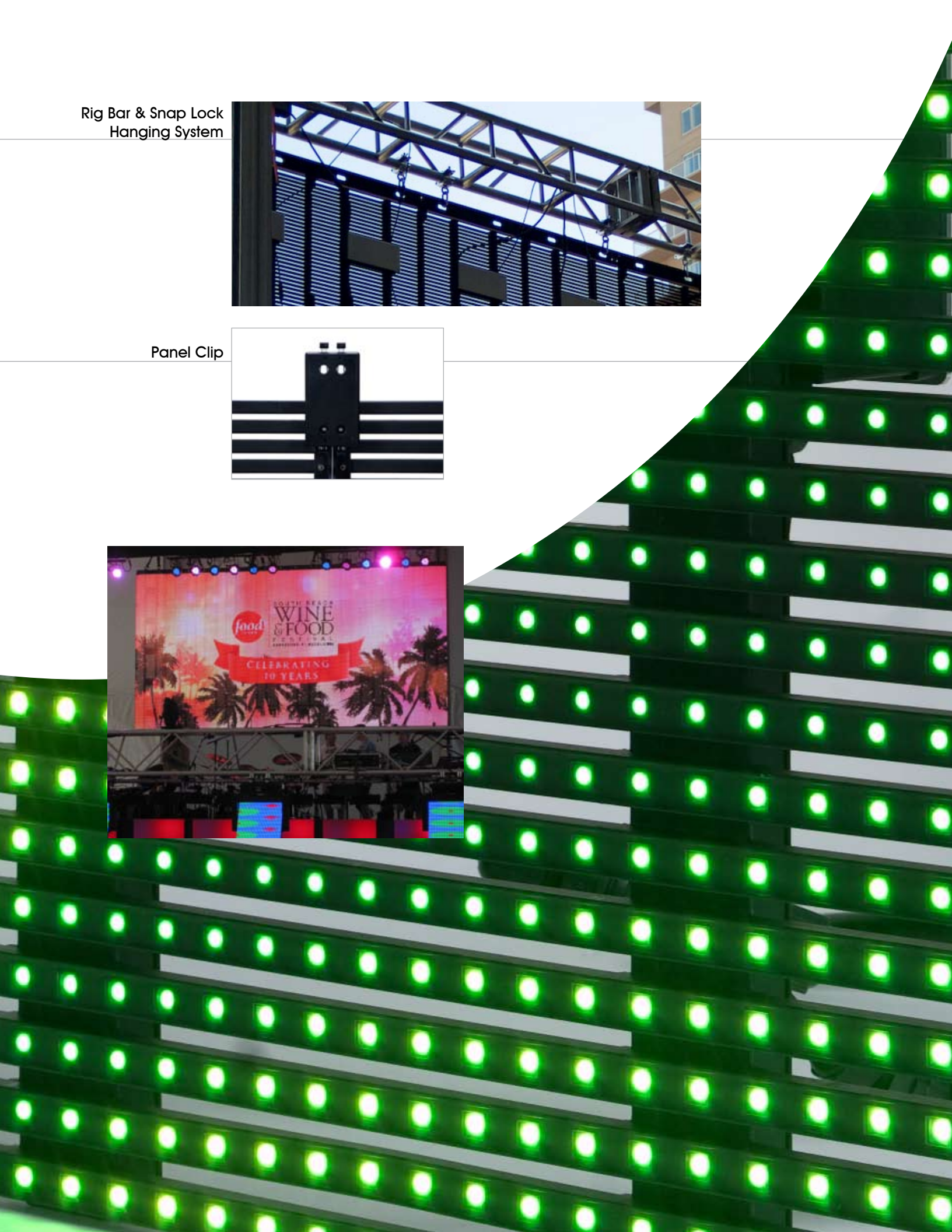
EVLED 1024 SMD

Ideal for both outdoor and indoor video display, the EVLED 1024 SMD Strip Video Screens are bright, light weight, plug and play modules using TriColor SMD RGB LED's capable of outputting up to 14 Trillion colors. With a 20mm pitch it is easy to handle, super-thin, semi-transparent design makes it ideal for small or large applications. Integrated rigging fly support hardware and easy set up make this system ideal for a variety of portable or permanent applications.

Rig Bar & Snap Lock Hanging System



Panel Clip



EVLED 256

R / G / B

Model	EVLED-256
Transparency:	55%
Curtain Composition	Al-alloy frame, rubber compound dealing with seams for weatherproof
Tile Size	23.62 X 23.62 X 2.95 in/tile 600 X 600 X 75 mm/tile
Tile Weight	9.92 lbs/tile 4.5 kg/tile
Tile Area	0.36m ² /tile
Pixel Pitch	37.5 mm
Luminosity	2000 nits
Color Temperature	6500 k
Visual Angle	110 / 50 (50% brightness)
Visual Range	160/120°
Pixel Configuration	1R 1G 1B (DIP)
Tile Resolution	16 x 16 pixels/tile
Pixel Resolution	711 pixels/m ²
LED Quantity	2133 LEDs/m ²
Color Number	14 Trillion
Processing Depth	14 bits
Contrast Ratio	2000:1
Life Span	100,000 hours - LED; 50,000-70,000 hour - floor body
Frame Rate	60Hz
Data Refresh Rate	Rate 800Hz
Display Mode	Synchronous with video source
LED Failure Rate	1/10000
MTBF	> 10000 hours
Drive Mode	Static, Constant Current Drive
Power Supply	AC 100-240V, 50Hz or 60Hz
Working Voltage	DC 5V
Power Consumption	250 w/m ² (max); 150 w/m ² (average)
Ingress Protection	IP65
Ambient Temperature	- 20 to +50 Celsius degree
Relative Humidity	10% to 99%



EVLED 256

Ideal for both outdoor and indoor video display, the EVLED Strip Video Screens are bright, light weight, plug and Play modules using RGB LED's capable of outputting up to 16.7 million colors. It is easy to handle, super-thin, Semi-transparent design makes it ideal for small or large applications. Integrated rigging fly support hardware and easy set up make this system ideal for a variety of portable applications. Comes available in 37.5mm and 18mm pitch.

Simple Connection System



Truss Hanging System



EVLED IMAGE VSC MEDIA PROCESSOR



Model	EVLED-IMAGE VSC
Main Features	Supports PIP, POP, PBP as well as user-defined pixel-based scale and dual-channel operation Supports out resolution up to 2048 x 1152 x 60Hz Supports keyboard operation Supports serial and TCP/IP remote control
Function	Source Switch tow signal groups with alpha key operation PIP for SD with HD and HD with HD POP for SD with HD, HD with HD, video with PC Test pattern generator, schedule, hardware timing, text overlay and logo insert Alpha Key support
Signal Input	(3) Composite, (1) SVideo, (1) VGA, (1) DVI, (2) HDMI, (2) SDI (HD & SD compatible)
Signal Output	DVI and VGA

EVLED IMAGE VSC

EVLED IMAGE VSC was designed for use with our EVLED Video panels but is also compatible with most video products on the market today. The EVLED IMAGE VSC is a combined video image processor and scaler with the latest high performance image processing technology. The EVLED IMAGE VSC allows for a DVD player, camera, etc... to be connected directly into it so no computer is needed to play video content. EVLED IMAGE VSC can handle the following video inputs without limitation; CVBS, Composite, S-Video (YC), YCbCr, YPbPr, RGBHV, VGA, DVI-D, HDMI, SDI, SD-SDI, HD-SDI.

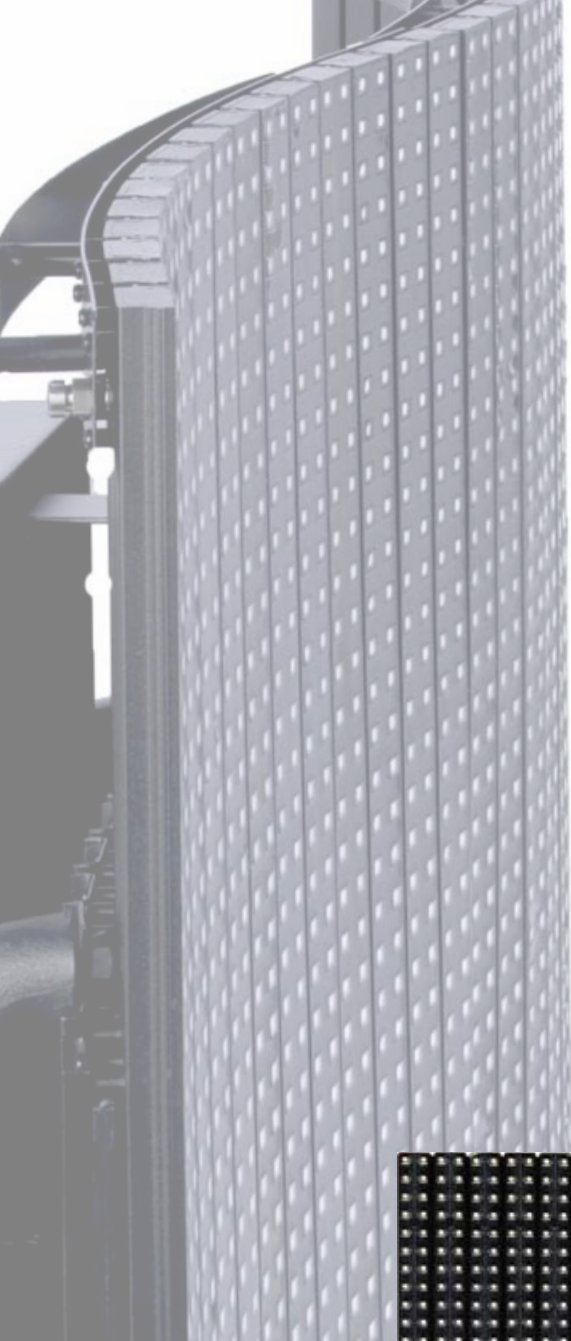
EVLED VSC MEDIA PROCESSOR

Model	EVLED-VSC
Composition	Powder-coated steel
Unit Size	423 X 330 X 46 mm (LxWxH)
Unit Weight	5.3 kg
Dot Correction	Single, 2x2, 4x4 and 8x8, Max. 6144 pixels, 256 adjustable RGB levels
Max Resolution	1280 x 1024 pixels
Grey Level	0 - 66536 levels
High Frequency Refresh Rate	Selectable between 100Hz - 3,000Hz
Mounting	Free standing on rubber feet or rack mounted with rack ears
Front Panel Controls	Power switch and Up/Down buttons to control 16 preset intensity levels
Rear Panel Connections	AC Input, LAN Output, RS232 Port and DVI Input
Command Communication	Rs232
Signal Input	DVI
Signal Output	LAN, CAT5



EVLED VSC

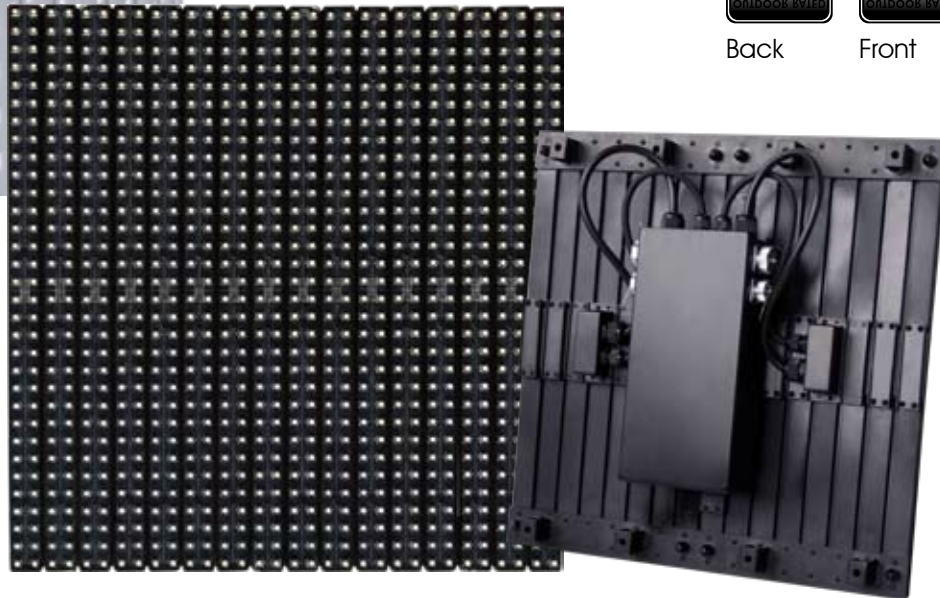
The EVLED VSC full-color synchronous video control system is composed of a rack mount 19" Video controller and special configuration Playback media software. Control is via standard PC windows operating system with DVI output card into DVI display card input on the Video controller and then transmitted to the scan controller through ether-net cable. The Video controller has two signal output ports. Each port can connect a set of LED video displays. A standard Ethernet cable transmits 1280 X 1024 pixels within max distance of 100m. The VSC software included allows configuration, sizing, mapping and media playback.



EPV 15 FLEX

R/G/B

Model	EPV 15 FLEX
IP Rating	IP65 front, IP54 back
Pixel Pitch	15mm
Brightness (nits)	4,500 nits
Weight	16lbs / 7.5kg
LED Type	SMD (5050 RGB 3 in 1) Epistar
LED Life	100,000 hours
Contrast	≥16384
Gray Scale	12 bit
Refresh Rate	≥600Hz
Scanning Rate	100Hz
Transparency	n/a
Frame Size (mm)	480mm x 480mm x 90mm
Frame Size (in)	18.9" x 18.9" x 3.6"
Pixels per Panel	1024 pixels (32 x 32)
Viewing Angle	H140°/V110°
Operating Temperature	-20 C to +50 C
Operating Humidity	5%-95%
Power Supply	100-240VAC, 50 or 60Hz
Max Power Consumption per Panel	300W
Average Power Consumption per Panel	190W



Back



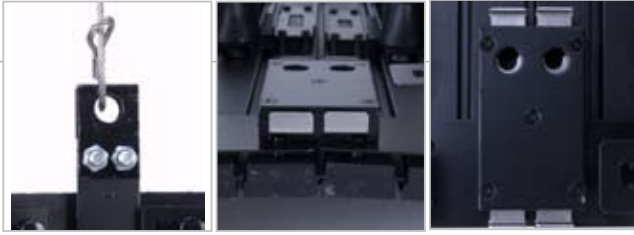
Front



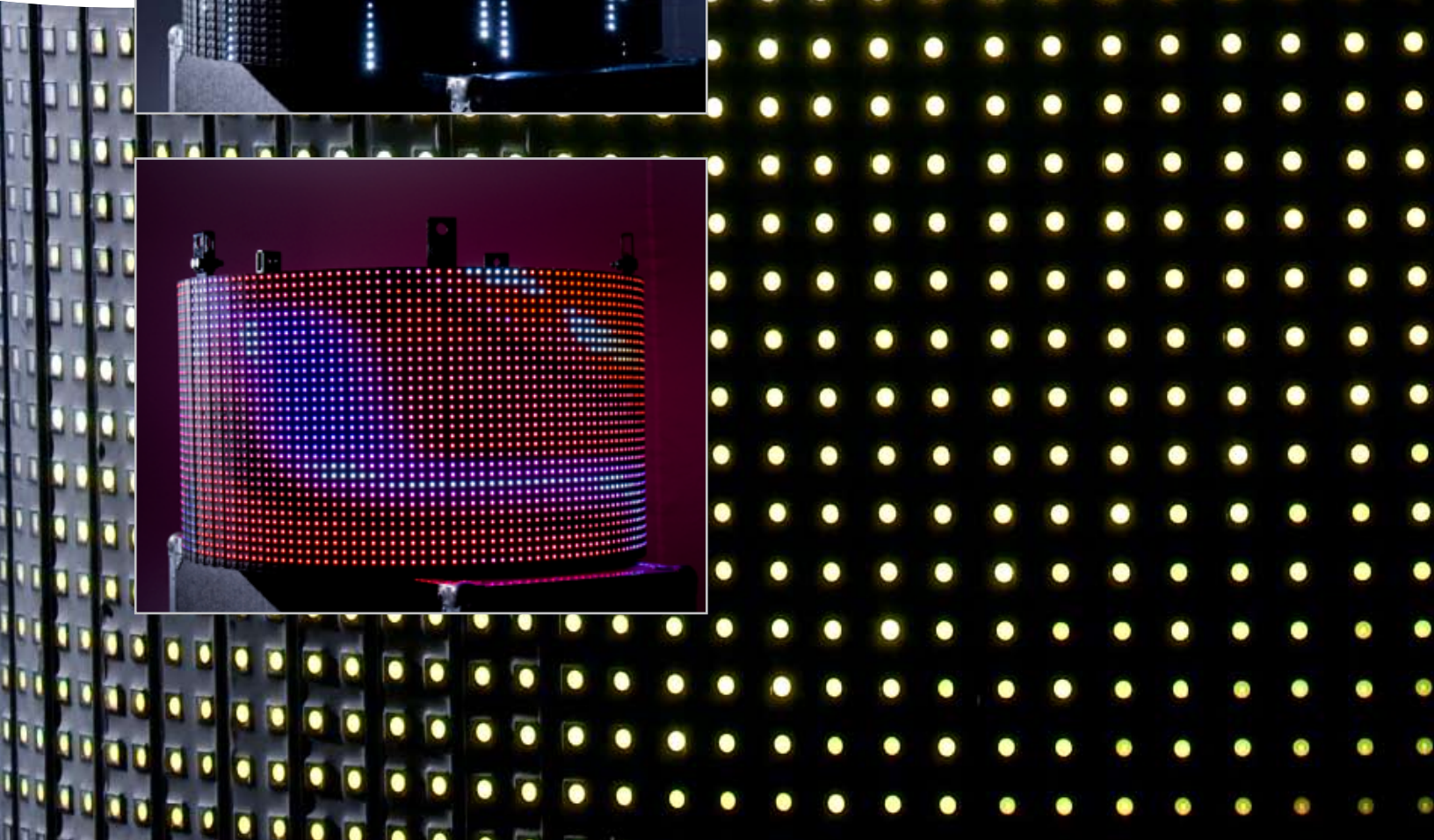
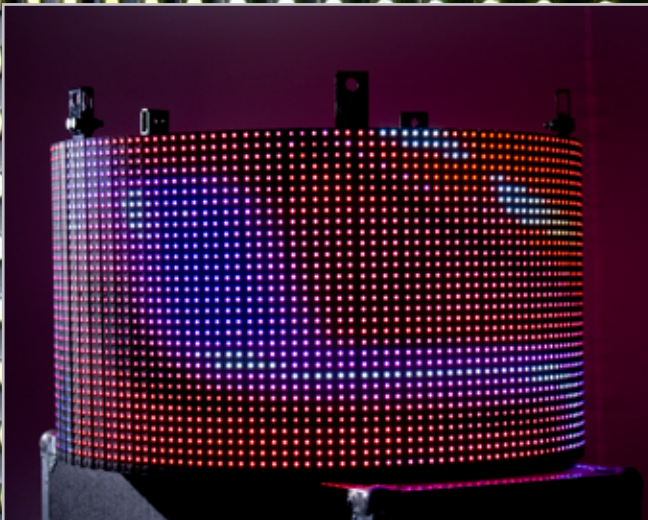
EPV 15 FLEX

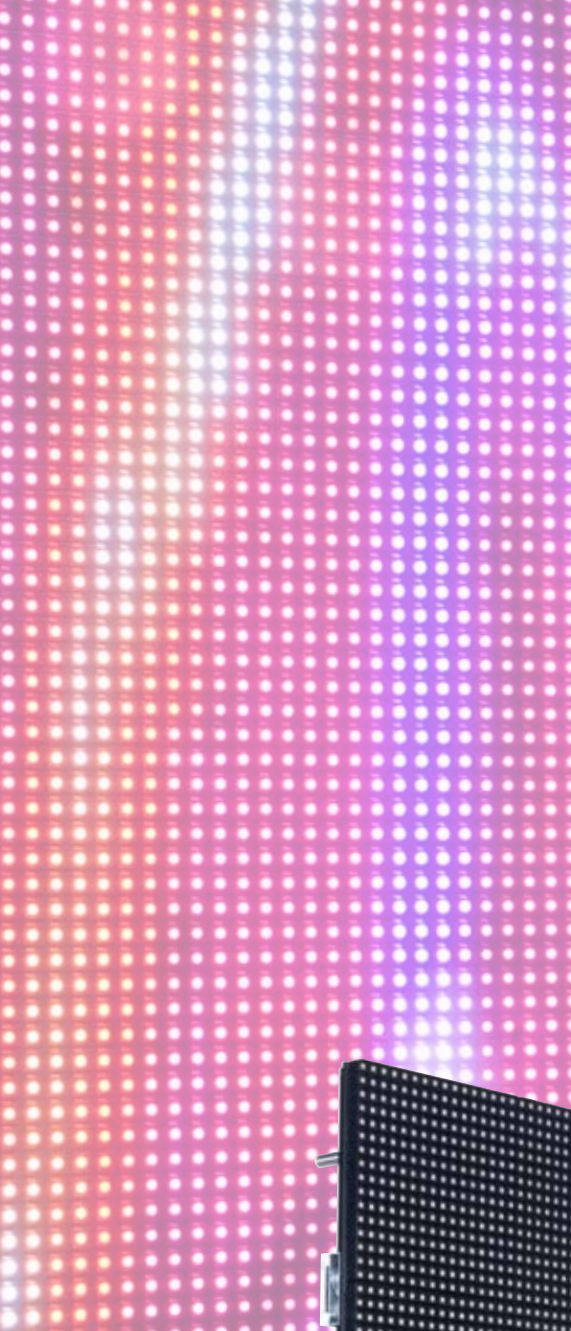
The EPV 15 Flex is a flexible / bendable 15mm pitch indoor / outdoor rated LED panel designed to provide flexible designs giving you the ability to make seamless circles, curves and arches of LED video. Integrated power / data on board and easy rigging and quick connections make this unit ideal for portable applications.

Simple Connection System



Easy Flex Design





EPV10

R / G / B

Model	EPV10
IP Rating	IP65 front, IP54 back
Pixel Pitch	10.9375MM
Brightness (nits)	5,000 nits
Weight	22lbs / 10kg
LED Type	SMD (5050 RGB 3 in 1) Epistar
LED Life	100,000 hours
Contrast	≥8192
Gray Scale	16bit
Refresh Rate	≥2000Hz
Scanning Rate	300Hz
Transparency	n/a
Frame Size (mm)	350mm x 700mm x 93mm
Frame Size (in)	13.8" x 27.6" x 3.7"
Pixels per Panel	2048 pixels (32 x 64)
Viewing Angle	H140°/V110°
Operating Temperature	-20 C to +50 C
Operating Humidity	5%-95%
Power Supply	100-240VAC, 50 or 60Hz
Max Power	375W
Average Power	250W



Back



Front



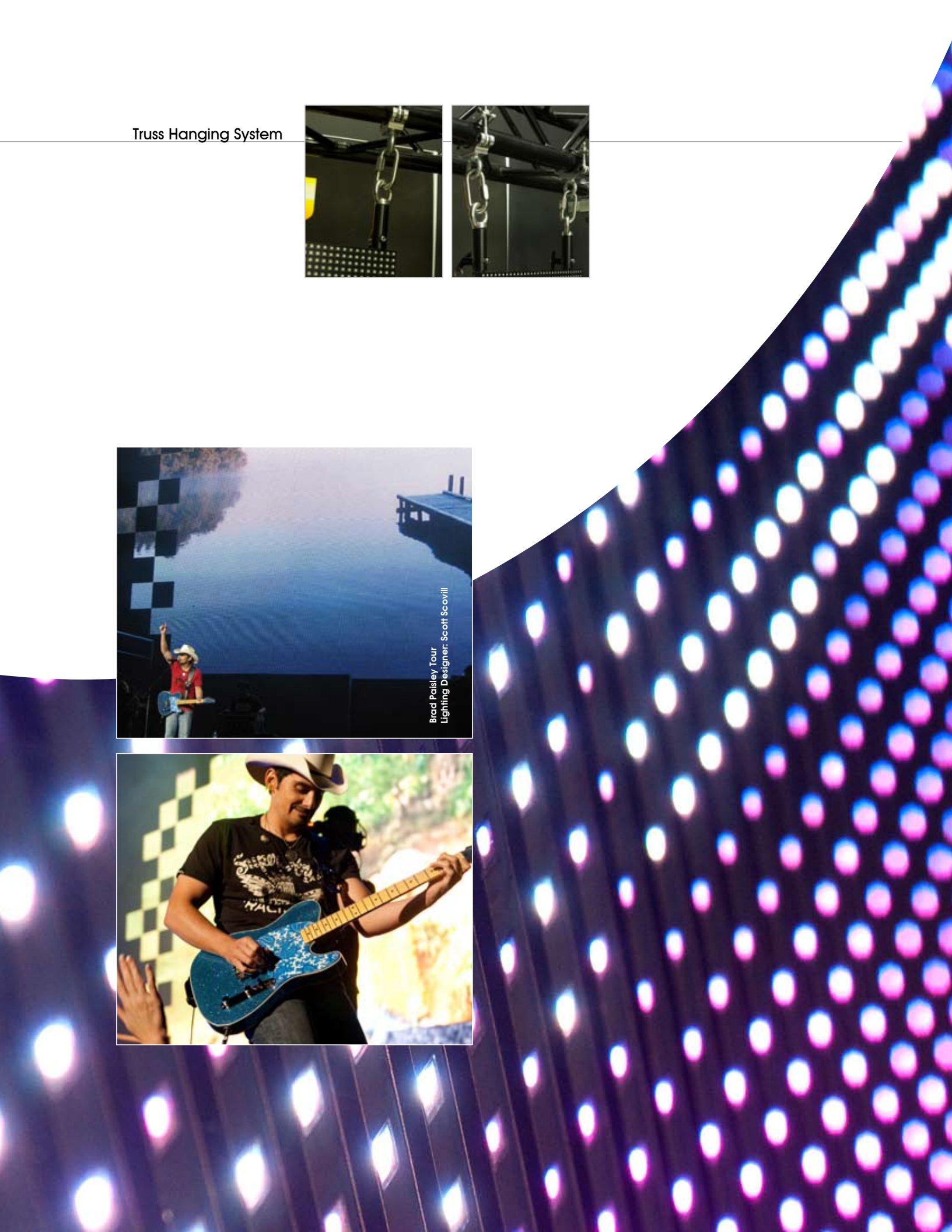
EPV10

The EPV10 is a high brightness outdoor rated SMD LED display offering the ultimate output and performance in a portable production LED video display. With a 10mm pixel pitch its high resolution high brightness output can be used on the largest of applications and its compact design makes it portable and lightweight. Integrated power/data system and rigging allow for easy and flexible designs.

Truss Hanging System



Brad Paisley Tour
Lighting Designer: Scott Scovill



EPV762 MH

TRI LED

High Resolution LED Moving Head Video Panel

Model	EPV762 MH
IP Rating	IP20 (Indoor Only)
Pixel Pitch	7.62MM
Brightness (nits)	2,500 nits
Weight	28.7lbs / 13kg
LED Type	SMD (3528 RGB 3 in 1) Epistar
LED Life	100,000 hours
Contrast	≥8192
Gray Scale	16bit
Refresh Rate	≥2400Hz
Scanning Rate	300Hz
Transparency	n/a
Frame Size (mm)	488mm x 488mm x 80mm
Frame Size (in)	19.3" x 19.3" x 3.2"
Pixels per Panel	4096 pixels (64 x 64)
Viewing Angle	H140°/V110°
Operating Temperature	-20 C to +50 C
Operating Humidity	5%-95%
Power Supply	100-240VAC, 50 or 60Hz
Max Power	300W
Average Power	195W



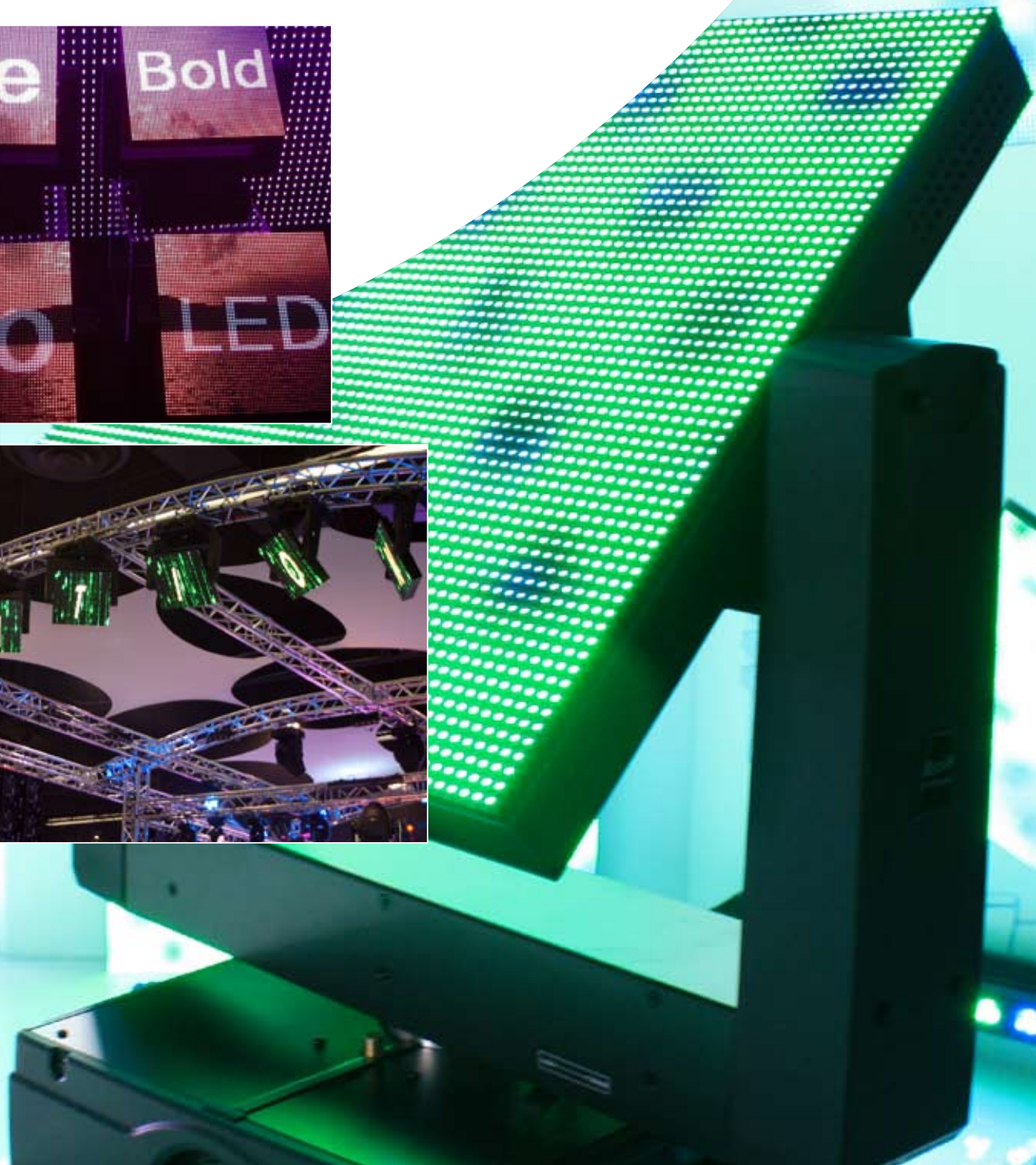
EPV762 MH

The dynamic EPV762MH is a high resolution SMD LED display panel mounted on a moving yoke pan/tilt base. With separate inputs for video and pan/tilt control, designers can create dynamic moving LED video displays or use them as moving digital signage. Ideal for portable applications, this unit provides a unique bright and creative way to display your video content.

Digital Screen



Connections



EPV762 TRI LED

High Resolution LED Video Panel

Model	EPV762 MH
IP Rating	IP20 (Indoor Only)
Pixel Pitch	7.62MM
Brightness (nits)	2,500 nits
Weight	28.7lbs / 13kg
LED Type	SMD (3528 RGB 3 in 1) Epistar
LED Life	100,000 hours
Contrast	≥8192
Gray Scale	16bit
Refresh Rate	≥2400Hz
Scanning Rate	300Hz
Transparency	n/a
Frame Size (mm)	488mm x 488mm x 80mm
Frame Size (in)	19.3" x 19.3" x 3.2"
Pixels per Panel	4096 pixels (64 x 64)
Viewing Angle	H140°/V110°
Operating Temperature	-20 C to +50 C
Operating Humidity	5%-95%
Power Supply	100-240VAC, 50 or 60Hz
Max Power	240W
Average Power	120W



EPV762

The EPV762 is a high resolution SMD LED display panel designed for indoor applications. With a 7.62mm pixel pitch and compact cabinet design it makes it ideal for corporate, production and installation applications. Integrated power / data on board and easy rigging and quick connections make this unit ideal for portable applications.

Input



Output



Easy Access Service Door





EPV6 TRI LED

Model	EPV6
IP Rating	IP20 (Indoor Only)
Pixel Pitch	6MM
Brightness (nits)	3,000 nits
Weight	29.8lbs / 13.5kg
LED Type	SMD (3528 RGB 3 in 1) Epistar
LED Life	100,000 hours
Contrast	≥8192
Gray Scale	16bit
Refresh Rate	≥2400Hz
Scanning Rate	300Hz
Transparency	n/a
Frame Size (mm)	576mm x 576mm x 80mm
Frame Size (in)	22.7" x 22.7" x 3.2"
Pixels per Panel	9216 pixels (96 x 96)
Viewing Angle	H140°/V110°
Operating Temperature	-20 C to +50 C
Operating Humidity	5%-95%
Power Supply	100-240VAC, 50 or 60Hz
Max Power	325W
Average Power	205W



EPV6

The EPV6 is a high resolution SMD LED display panel designed for indoor applications. With a 6mm pixel pitch and compact cabinet design it makes it ideal for corporate, production and installation applications. Integrated power / data on-board, easy rigging and quick connections make this unit ideal for portable applications.



EPV IMAGE VSC MEDIA PROCESSOR



Model	EPV-IMAGE VSC
Main Features	Supports PIP, POP, PBP as well as user-defined pixel-based scale and dual-channel operation Supports out resolution up to 2048 x 1152 x 60Hz Supports keyboard operation Supports serial and TCP/IP remote control
Function	Source Switch tow signal groups with alpha key operation PIP for SD with HD and HD with HD POP for SD with HD, HD with HD, video with PC Test pattern generator, schedule, hardware timing, text overlay and logo insert Alpha Key support
Signal Input	(3) Composite, (1) SVideo, (1) VGA, (1) DVI, (2) HDMI, (2) SDI (HD & SD compatible)
Signal Output	DVI and VGA

EVLED IMAGE VSC

EPV IMAGE VSC was designed for use with our EPV Video panels but is also compatible with most video products on the market today. The EPV IMAGE VSC is a combined video image processor and scaler with the latest high performance image processing technology. The EPV IMAGE VSC allows for a DVD player, camera, etc... to be connected directly into it so no computer is needed to play video content. EPV IMAGE VSC can handle following video without limit, include CVBS, Composite, S-Video (YC), YCbCr, YPbPr, RGBHV, VGA, DVI-D, HDMI, SDI, SD-SDI, HD-SDI.

EPV VSC MEDIA PROCESSOR

Model	EPV-VSC
Composition	Powder coated steel
Unit Size	19.2"x7.25"x1.8"
Unit Weight	10lbs / 4.5kg
Dot Correction	Colorbrake system
Max Resolution	1920 x 1080 pixels
Grey Level	0-665336 levels
High Frequency Refresh Rate	≥ 4000hz
Mounting	Free standing on rubber feet or 19" rackmount
Front Panel Controls	n/a
Rear Panel Connections	AC input, LAN output, USB and DVI input
Command Communication	USB
Signal Input	DVI
Signal Output	LAN, CAT5



EPV VSC

The EPV VSC is a 19" rack mount, full-color, synchronous video controller for all EPV series video screens. Control is via standard Windows PC with DVI output connection. It includes two RJ45 signal output ports on the rear, which allows connection for up to two LED video displays. Using a standard CAT6E ethernet cable, the EPV VSC transmits 1920 X 1080 pixel resolution within a max distance of 100m. The VSC software includes a management software, which allows for all configuration, sizing, mapping and color calibration of EPV panels.

MediaMaster EXPRESS

MEDIA SERVER SOFTWARE

Main Features Control video layers with just a few DMX dimmers or MIDI notes
Work on a single DMX universe or MIDI channel
Drag & Drop visuals directly on the main interface
Organize your shows with up to 64 patches of 64 cells
Control up to 3 parameters per cell via DMX or MIDI
Optional fade time on trigger

Operating System (PC) OS: Windows™ XP, Vista or 7.
Processor: Pentium™ IV 2Ghz recommended.
RAM: 512MB, 1GB recommended.
Media Component: QuickTime™ 6.5.x (and up), Adobe
FlashPlayer™ 9.0 (and up), DirectXTM 9.0c (and up)

System Requirements (MAC) OS: Mac OS X 10.5 (and up).
Processor: Any Intel Mac, G4/1Ghz (and up).
RAM: 512MB, 1GB recommended.
Media Component: QuickTime™ 6.5.x (and up), Adobe
FlashPlayer™ 9.0 (and up)



MediaMaster EXPRESS

MediaMaster Express, by Arkaos, allows anyone anywhere to exploit the possibilities of a powerful media server. It combines ease of use and high performance for an affordable price, making it the perfect solution for quick media management and playback from a DMX or MIDI controller.

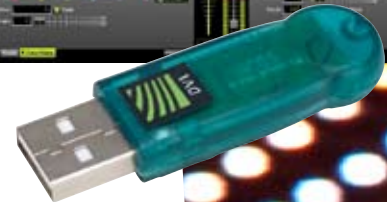
MADRIX DVI

VIDEO SCREEN CONTROLLER

Main Features Media control solution
Effect generator, pixel mapper, media server
For Lj's, VJ's and other lighting professionals

Operating System Microsoft Windows XP (SP2)
Microsoft Windows Vista
Microsoft Windows 7
Compatible with 32 bit and 64 bit

System Requirements 2.0 Ghz Dual-core CPU
1024 MB RAM
200 MB Free Hard Disk Space
1024 X 768 Screen Resolution
Sound Card (For Sound2Light & Music2Light)
One free USB port for the MADRIX KEY
Windows XP requires Service Pak 2 (SP2)



MADRIX DVI

MADRIX is a professional LED lighting controller. It is a reliable, user-friendly, and feature-rich Windows® software and the centerpiece of the MADRIX product range. MADRIX supports a lot of well-known industry standards including DVI output for use with all Elation video screen products. The application supports pixel mapping and is both an effect generator and media server with outstanding capabilities to display unique effects. MADRIX can be used alone, or along with any DMX/MIDI console or desk on the market such as the Show Designer series and Midicon controllers. One MADRIX USB dongle is included and required to launch the MADRIX software with uninterrupted DVI output.



For more info -
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