

# PD Series Led Lit Video wall

## 50 & 70 Inch Modular DLP Projection System

### Ultimate Design

EMedia's PD Series Led lit DLP rear projection display unit designed for 24/7 Command control room/ Operation room Environments and Broadcast backdrop Video wall, industry-leading technology, adopts new and advanced module design that can simplify the installation and maintenance of video wall,

High definition display - 1080P, Unique cell-based, modular design, can also be used alone , Long-life, high stability, and focus on the special display, stable operation, Fully customized redundancy options.



### Low Noise

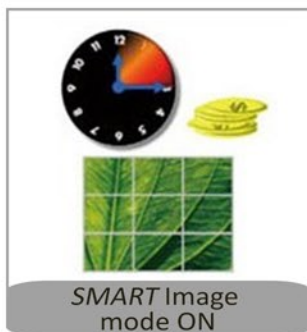
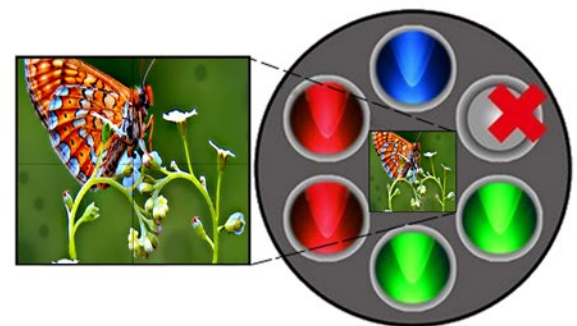
The professional fan followed our cooling system design to provide powerful for radiating, and very low noise 35dB on operation, which provide better friendly working environment.



### Redundant Light & Power Supply

Equipped with the advance 3-color LED light & and Power Supply; each color equipped with 2 light source, if failure one, no effect in real image and 2 Units of PSU is giving more reliability

LED light source has features with light-weight, energy-saving, high luminous efficiency, and long service life which can be used continuously for up to 60,000hours



### SMART Image Uniformity

Built-in SMART image sensor for adjusting brightness and colors automatically to ensure the uniformity of the each screen. It is effective and efficient regular maintenance to save time and cost.

PANEL SPECIFICATION		
Model	PD7023	PD5023
Screen Size(Diagnol)	70"	50"
Imaging Technology	0.95" DLP®, Single Dark Chip (Texas Instruments)	
Native Resolution	HD (1920x1080)   16:9 aspect ratio	
Light Source	LED (Red, Green, Blue)   OSRAM   Redundant LED 3x6	
Screen Technology	XMD Screen ; Optical: Fresnel / Lenticular / Anti-glare Glass - Pro-bright up to 600 cd/m2	
Gap (image to image)	0.2mm (rear access) Adjustable 1.0mm nominal recommended for front access @ 25°C	
Viewing Angle	170° (H) 150° (V) ; +/-31° H ½ gain +/-17° V ½ gain (2 rows video wall)	
Brightness	1200 / 2500 ANSI Lumens	
Color Temp / Gamut	2200°K to 9300°K (Customizable) / Wider than EBU	
White Balance	0.0035 Δu' Δv'	
Color Uniformity	Precise tri-stimulus color sensing (x,y,z) - SMART	
Brightness Uniformity	>95% - SMART Sensor	
Contrast Ratio	Up to 2500:1 (Typical)	
Audible Noise Level	Secondary DVI-D input auto failure detection	
Inputs Standard	2x digital DVI-D 2xHDMI 1xVGA 1xRGBHV 1xS-Video 1xC-Video	
HDMI Loop-through	Up to 25 displays on a single loop-through chain Included (Operating at native resolution)	
HDCP Support	GPIO (Customized, third party control)	
Optional Expansion	Secondary DVI-D input auto failure detection	
Control Ports	IR remote Control External computer or control device Ethernet / RS-232	
Physical Ports	1 x RS-232 1xCAN Bus 1x Ethernet RJ45 1xUSB	
Diagnostics	LED Indicator (7-Segment screen, 2 columns, 16 characters) Status LED / Management software	
Firmware	Upgrades via USB, Ethernet / RS-232	
MTBF	>60,000 hours for all major modules 76,000 hrs for power supply	
MTTR	<30 minutes via modular servicing	
Cooling Fan Lifetime	>100,000 hours	
LED Lifetime	>100,000 Hrs (eco mode) ; >80,000 Hrs (normal mode)	

POWER & ENVIRONMENT	
Power Supply	AC 100-240 V, 50 /60Hz
Power Consumption	260W/225W/165W watts (High brightness/normal/eco)
Operating Temp.	Cube:32° to104°F,0° to40°C Engine:41° to95°F,5° to35°C Screen: 63° to 88°F, 17° to 31°C
Storage Temp	Cube: -4° to 122°F, -20° to 50°C Engine: -13° to 158°F, -25° to 70°C Screen: -4° to 95°F, -20° to 35°C
Operating Humidity	Cube/engine:10% to90% NC, 35% to 65% NC Screen: 40% to 60% NC
Heat Dissipation	887/767/563BTU/hr (High brightness/normal/eco)
Seismic	Rugged self-supporting metal, anti-vibration intensity VIII
Cooling System	2 Way Cooling - FAN / Liquid-filled, maintenance free, metal sealed heat pipe cooling system

PHYSICAL PARAMETER	
Screen size (mm)	1549 x 872mm
Cube depth (total)	37.0" (940mm)
Weight – Cube	220lbs (100kg)
Weight – Screen	88.2lbs (40kg)
Weight – Engine	25.38lbs (11.5kg)
Stacking Limit	6 Rows
Service Access	Rear or Front

REGULATORY / CERTIFICATIONS (Projection Engine - LE9XX)	
	(EC) 2011/65/EU (RoHS)
	2012/19/EU (WEEE)
	CCC—GB4943, GB17625, GB9254
	IEC 60950-1
	EN55022/CISPR22 Class A ; EN55024/CISPR24
	Comply with the rules and regulations, including: EU, China, Korea, Japan, Mexico, Ukraine, India, Russia, South Africa, and Saudi Arabia