

Make: SEGi LED

Model: SP2X5

Construction And Performance

Type of LED Display System	Indoor
Material of the System	Mild Steel
LED Configuration	LED SMD 3 in 1 RGB
Pixel Configuration	1R1G1B
Maximum Pixel Pitch (mm)	2.5
Length of LED Display System (ft)	22
Height of LED Display System (ft)	10
Pixel Density Minimum (Per Square Metre)	160000
Screen Resolution (Pixels)	2688 x 1152
Module Resolution (Pixels)	128 x 64
Supported Resolution	Upto 4K UHD (3840 x 2160)
Horizontal Viewing Angle (degree)	160
Vertical Viewing Angle (degree)	160
Optimal Viewing Distance (meter)	≥ 2.5
Refresh Rate (Hz)	≥ 3840
Response Time (milliseconds)	8
Frame Frequency (Hz)	50 - 60
Brightness (Cd/m ²)	≥ 800
Aspect Ratio	16:9
Contrast Ratio	5000:1
Color Temperature	6500K



Colors (Million)	16.7
Driving Current	Constant Current Drive
Uniformity of Brightness across the Screen	90
Gray Scale Processing (Bit)	16
Colors (Trillion)	281
Life of Light Source (Hours)	100000
Dimming Capability	256 levels
Fanless Design	Yes
Maximum Power Consumption (W/m ²)	350
Average Power Consumption (W/m ²)	150
Earth Leakage Current	<3 mA
Availability of Receiving Card	Yes
Fanless Design	Yes
Mean Time Between Failure (MTBF)(Hours)	>10000
Mounting	Wall/ Floor Stand / Fixed / As per requirement
IP Rating	IP30
Duty Cycle	24x7
Maintenance	Front
LED Video Controller (Make: SEGi LED & Model: SXY2)	• 4K Supported • HDR 10+ Supported • Loading: 3.9 million pixels • Max. Output Width: 10240 pixels • Max. Output Height: 8192 pixels • USB x1 • Input: HDMI 1.3 x2, DVI x1, 3G-SDI x1, 10G Optical Fiber Port x1 • Output: HDMI 1.3 x1 Out • Gigabit Ethernet x6 • Optical Fiber Output x2

Functions	• Layer: 3 layers with adjustable size, position & priority • Scaling: Stepless output scaling & one clicks full screen display • Low Latency: Supported • Output Sync: Internal source / external genlock synchronization supported • Presets: 10 user defined presets • Hot Backup: Device backup, Ethernet port backup & Input source backup • Mosaic / Cascade Support: Image mosaic supported, 4 units cascading • Image Adjustment: Brightness, Cascading, Saturation, Hue, Gamma adjustment • Calibration: Pixel level brightness & chroma calibration • Audio Support: Audio input via HDMI & audio output support thru control system • Control: Ethernet, USB Type-A / Type-B & front panel • Light Sensor: Auto brightness
Power Supply	100-240V AC, 50-60 Hz
Certification	BIS, CE, FCC, ROHS, UL, REACH, ISO, CB, EMC, etc.
Standard Accessories	All accessories, connectors, All necessary parts for proper functionality (user manual, LAN cables CAT 6- 100 m, power cables, etc.), 5% spares, etc.

Generic

Minimum Operating Temperature (°C)	-20
Maximum Operating Temperature (°C)	50
Minimum Storage Temperature (°C)	-30
Maximum Storage Temperature (°C)	70
Minimum Operating Humidity (%RH)	5
Maximum Operating Humidity (%RH)	99



LED Video Wall inclusive of supply, installation, configuration, testing, integration, commissioning & training	Yes
OEM Onsite Warranty (Years)	3

