

Make: SEGi LED

Model: SP4X0

Construction And Performance

Type of LED Display System	Outdoor Waterproof & Weatherproof
Material of the System	Mild Steel
Pixel Configuration	1R1G1B
LED Configuration	SMD 1921
Maximum Pixel Pitch (mm)	4
Size of LED Display System (mm)	1) 5440 x 2720 2) 4800 x 2880
Pixel Density Minimum (Per Square Metre)	62500
Modul Size (mm)	320x160
Module Weight (grams)	432
Module Resolution (pixels)	80x40
Module Qty/m ²	19.53 pcs/m ²
Horizontal Viewing Angle (degree)	160
Vertical Viewing Angle (degree)	160
Optimal Viewing Distance (meter)	>/=4
Refresh Rate (Hz)	>1920
Response Time (milliseconds)	8
Video Frame Rate (Hz)	60
Brightness (Cd/m ²)	5000
Contrast Ratio	5000:1
Color Temperature	2000-10000 K
Driving Mode	1/10 scan

Driving Current	Constant Current Drive
Module Interface	HUB75
Uniformity of Brightness	95%
Gray Scale Processing (Bit)	15 (32768)
Life of Light Source (Hours)	100000
Defective Dots Rate	<0.0001 (LED Industry Standard: ≤0.0003)
Decay Rate	≤ 5%/Year
Colors	32768 ³
Dimming Capability	256 levels
Fanless Design	Yes
Maximum Power Consumption (W/m2)	500
Average Power Consumption (W/m2)	300
Earth Leakage Current	<3 mA
Availability of Receiving Card	Yes
Fanless Design	Yes
Mean Time Between Failure (MTBF)(Hours)	>10000
Mounting	Wall & Pole
IP Rating	IP65
Duty Cycle	24x7
Maintenance	Rear
Protection	• Lightning protection • Power leakage • Over heat • Over load • Power down • Automatic Brightness Control

LED Controller (Make: SEGi LED & Model: SXM1)	Ports: • USB x1 • HDMI x1 • VGA x1 • DVI x1 • CVBS x1 • Gigabit Ethernet x2 • RS232 x1 • USB (Type B) x1 • Audio x2 Features:- • Picture: jpg, jpeg, png, bmp, etc. • Video: mp4, avi, mpg, mkv, mov, vob, rvmb, etc. • Video Coding: MPEG-1, MPEG-2, MPEG-4, Sorenson H263, H.264, HEVC (H.265), RV8/9/10, RV40, etc. • Audio Coding: MPEG-1, MPEG-2 (Layer I/II), AAC-LC, HEAAC, FLAC, PCM and Vorbis • Scaling Mode: Full screen, Pixel to pixel, Custom, etc. • Inbuilt LCD Screen for Brightness, Source Selection, Sharpness, Color Temperature, etc. Power: 100-240 V AC, 50/60 Hz Power Consumption: 12 W Operating Temperature (°C): -20 to +60
Media Player (Make: SEGi LED & Model: SXY08)	- CPU: RK3229 32bit& ARM Quad Core A7 MP @1.5GHz - GPU: Penta-core ARM Mali-400 GPU - RAM: DDR3 4GB - ROM: Onboard NAND Flash 32GB - Bluetooth: BT2.1 - Memory: Micro SD Card (support 4-32GB) - Inbuilt Wifi IEEE 802.11 b/g/n/,2.4G - Ethernet Port: x1 - Supported Resolution: 4K UHD, FHD, HEVC H.265 - Formats Supported: .mkv, .wmv, .mpg, .mpeg, .dat, .avi, .mov, .iso, .mp4, .rm, .jpg, etc. - Audio Formats: MP3, AAC, WMA, RM, FLAC, OGG, etc. Ports: • USB2.0: 2x Standard USB

	• DC-in: 1x DC in Jack • HD: 1x 4K*2K UHD Output, HDMI 2.0 • AV: 1x AV Port • RJ45: 1x RJ45 • SD Card: 1x Micro SD card slot - Power adaptor: 5V DC, 2A - OS: Android 10 - Language: All Supported - Miracast / DLNA: Support - Work Environment: 5°C-35°C; 30%-90% Humidity - Storage Environment -20°C-60°C; 10%-90% Humidity
Module Input Voltage	5 V DC
Module Max. Current (Ampere)	6.5 A
Power Supply	100-240 V 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, power cables, etc.),

Generic

Minimum Operating / Storage Temperature (degree C)	-40 / -50
Maximum Operating / Storage Temperature (degree C)	80 / 90
Minimum Operating Humidity (%RH)	10
Maximum Operating Humidity (%RH)	90
LED Video Wall inclusive of supply, installation, configuration, testing, integration, commissioning & training	Yes
OEM Onsite Warranty (Years)	1