

STAGE LDSOSP03.9ST

LED SCREENS FOR STAGE,
EVENT AND RENTAL
INDUSTRIES



- Quick maintenance within 20 seconds
- One man installation with magnet on top panel design
- Aluminum structure with passive cooling and fanless design
- Reinforced module structure suitable for continuous disassembly and installation
- Production level calibration for best color uniformity
- All models have 500x500mm panel options
- Strong structure supporting +10 and -10 degree curving
- 45 degree Cut Corner panel for all pixel pitches
- Creative design installation

INDOOR EVENT
ISTANBUL / TURKEY



General

| | |
|------------------------------------|-------------------|
| Operating environment | outdoor |
| Pixel pitch | 3.9mm |
| Service type | rear&front access |
| Calibrated brightness (nits) | 4,500nits |
| Lamp type | SMD |
| Lifespan (hours at %50 brightness) | >100,000hours |
| White color calibration (adj.) | 3,500K~8,500K |
| Gray scale | >16bits |
| Brightness control | 256 level |

Module Specifications

| | |
|------------------------|--------------|
| Module dimensions (mm) | 250x250 |
| Refresh frequency | 3,840Hz |
| Module resolution | 64x64px |
| LED drive method | dynamic |
| Module material | plastic (PC) |
| Module type | sealed |
| PCB type | multilayer |
| PCB surface coating | humiseal |

Panel Specifications

| | |
|---------------------------------------|--------------------------|
| Panel material | die-casting aluminum |
| Panel paint | ES powder coated |
| Panel dimensions (mm) ¹ | 500x500 & 500x1,000 |
| IP level | IP65 front and IP54 rear |
| Panel weight | 8,5kg & 13,9kg |
| Panel resolution | 128x128px & 128x256 |
| Pixel density (pcs/sqm) | 65536px |
| Curve angle | +/-10 |
| Viewing angle (horizontal x vertical) | >120° x 120° |
| Minimum viewing distance | >4m |
| Operating temperature range | -15°C ~ +50°C |
| Storage temperature range | -20°C ~ +60°C |
| Operating humidity | 10% ~ 90% non-condensing |
| Power input voltage | 110 ~ 240 VAC |
| Power input frequency | 50 ~ 60 Hz |
| Average power per sqm | <120W |
| Max power per sqm | <600W |
| Active PFC | YES |
| Load tolerance ² | 25% min. |
| Panel installation type | Rental type |
| Cooling | Passive cooling |

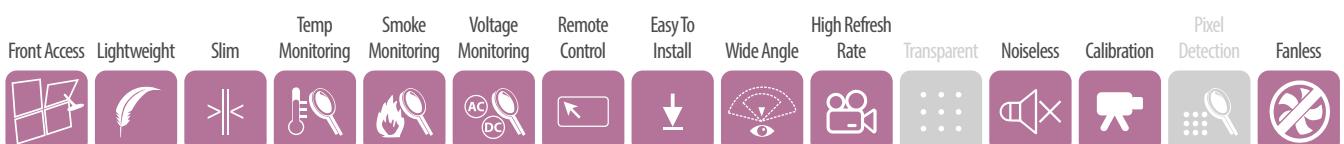
Other

| | |
|-------------------------------------|---------------------------|
| Max input resolution | FHD, UHD, 4K, 8K |
| Standard video sources ³ | All digital formats |
| Brightness adjustment | Manual |
| Death pixel monitoring | Optional |
| Module monitoring | YES |
| Temperature monitoring | YES |
| Smoke monitoring | Optional |
| Voltage monitoring | YES |
| Power redundancy | N/A |
| Signal path backup | YES |
| Signal transmission | CAT or Fiber Optic |
| Standby scheduling | YES |
| Power on/off scheduling | Optional |
| Power saving mode | N/A |
| Certification | CE-EMC, CE-LVD, RoHS, FCC |

Options

*The mechanical and electronic specification options are available.

- Panel dimensions can change upon customer request
- That value is the remain capacity of PSU's at 100% brightness and white color content
- Different types of video input available as option



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