

# STAGE LDAISP02.9ST

LED SCREENS FOR STAGE,  
EVENT AND RENTAL  
INDUSTRIES



- Quick maintenance within 20 seconds
- Small pixel pitch, 4in1 chip. and HDR options
- Aluminum structure with passive cooling and fanless design
- Advanced locking mechanism: One person alone can install the video wall
- Production level calibration for best color uniformity
- All models have 500x500mm panel options
- Strong structure supporting +6 and -6 degree curving
- Stainless steel corner and edge protection
- ARC Design with Quarter Round Shape corner Panels

## INDOOR EVENT ISTANBUL / TÜRKİYE



### General

Operating environment	indoor
Pixel pitch	2.9mm
Service type	front and rear access
Calibrated brightness (nits)	1.000nits
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	84x84px
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) <sup>1</sup>	500x500
IP level	IP22 front and rear
Panel weight	<8kg
Panel resolution	168x168px
Pixel density (pcs/sqm)	112.896
Viewing angle (horizontal x vertical)	>120° x 120°
Minimum viewing distance	>3m
Operating temperature range	0°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 <sup>2</sup>	25% min.
Panel installation type	Rental type
Cooling	Passive cooling

### Other

Max input resolution	FHD, UHD, 4K, 8K
Standard video sources <sup>3</sup>	All digital formats
Brightness adjustment	Automatic & 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	YES
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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