

STAGE LDSISP02.6ST

LED SCREENS FOR STAGE,
EVENT AND RENTAL
INDUSTRIES



- Quick maintenance within 20 seconds
- Structure that facilitates easy installation
- 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

INDOOR EVENT ISTANBUL / TURKEY



General

Operating environment	indoor
Pixel pitch	2.6mm
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)	250x500
Refresh frequency	adjustable
Module resolution	96x192px
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	IP22 front and rear
Panel weight	<15kg
Panel resolution	192x384px
Pixel density (pcs/sqm)	147.456
Viewing angle (horizontal x vertical)	>120° x 120°
Minimum viewing distance	>2.5m
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 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	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

LED brand ⁴	Optional
LED surface color	Black

¹ - Panel dimensions can change upon customer request

² - That value is the remain capacity of PSU's at 100% brightness and white color content

³ - Different types of video input available as option

⁴ - Available LED options are CREE [CR], NICHIA [NC], EVERLIGHT [EV], MULTICOLOR [MC], NATIONSTAR [NS]. Please check order code for details.



Apron Teknoloji AS. reserves the right to change any product specification, discontinue of any product or services without prior notice