ULTRA
LDSISP01.5UL

HIGHEST STABILITY, MAXIMUM PERFORMANCE INDOOR LED SCREENS FOR HIGH RESOLUTION LED WALL PROJECTS

Smart LEDECA

- Ultra quality for ultra high definition requirements
- Optimized for broadcast studio installations
- Fanless design without noise
- Super high gray scale and refresh rate
- High reliability and stability for 7/24 operation
- Special mask design to reduce moir effect in broadcast studio projects

TRT WORLD STUDYO
ISTANBUL / TURKEY

General

Operating environment	indoor
Pixel pitch	1.56mm
Service type	front or rear access
Calibrated brightness (nits)	>700nits
Lamp type	SMD
Lifespan (hours at %50 brightness)	>100.000hours
White color calibration (adj.)	3.000K~8.500K
Gray scale	>16bits
Brightness control	256 level

Module Specifications

Module dimensions (mm)	300x168.75
Refresh frequency	>3.840Hz
Module resolution	192x108px
LED drive method	dynamic
Module material	aluminum
Module type	apparent
PCB type	multilayer
PCB surface coating	humiseal

Panel Specifications

Panel material	aluminum
Panel dimensions (mm)[1]	600x337.5
Diagonal size	27"[16:9]
IP level	IP50
Panel weight	<7kg
Panel resolution	384x216px
Pixel density (pcs/sqm)	409.600
Viewing angle (horizontal x vertical)	>120° x 120°
Minimum viewing distance	>1.5m
Operating temperature range	0℃ ~ +50℃
Storage temperature range	-20℃ ~ +60℃
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	Fixed installation
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
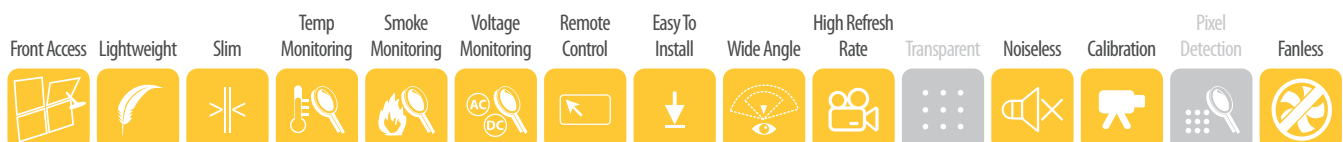
LED brand[4]	Optional
LED surface color	Black

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.

Front Access	Lightweight	Slim	Temp Monitoring	Smoke Monitoring	Voltage Monitoring	Remote Control	Easy To Install	Wide Angle	High Refresh Rate	Transparent	Noiseless	Calibration	Pixel Detection	Fanless

LEDECA