

GALLERY

LDSISP02.5GAX

THE MOST BRIGHT, VERSATILE AND RELIABLE INDOOR LED SCREENS FOR HIGH-LEVEL PROJECTS



- Wide variety of cabinet sizes (including 16x9 ratio cabinets)
- 1000+ Nits brightness, high refresh rate
- Fanless design without noise
- Suitable for retail, corporate, meeting/conference room applications
- Production level calibration for best color uniformity

A1 TELECOM SHOP VIENNA / AUSTRIA



General

Operating environment	semioutdoor
Pixel pitch	2.5mm
Service type	front access
Calibrated brightness (nits)	3.500nits
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	100x100px
LED drive method	dynamic
Module material	aluminum
Module type	apparent
PCB type	multilayer

Panel Specifications

Panel material	Die-cast aluminum
Panel paint	ES powder coated
Panel dimensions (mm)	500x1000
Panel depth	48mm
IP level	IP20 front, IP41 rear
Panel resolution (for 1000x1000mm)	400x400px
Pixel density (pcs/sqm)	160.000
Viewing angle (horizontal x vertical)	>160° x 140°
Minimum viewing distance	>2.5m
Operating temperature range	-20°C ~ +60°C
Storage temperature range	-25°C ~ +60°C
Operating humidity	10% ~ 90% non-condensing
Power input voltage	110 ~ 240 VAC
Power input frequency	50~60Hz
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 without fan

Other

Max input resolution	FHD, UHD, 4K, 8K
Standard video sources ³	All Digital Formats
Brightness adjustment	Automatic & manual
Dead pixel monitoring	Optional
Module monitoring	YES
Temperature monitoring	YES
Smoke monitoring	Optional
Voltage monitoring	YES
Power redundancy	Optional
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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