STAGE

LDCISP02.9ST

LED SCREENS FOR STAGE, EVENT AND RENTAL INDUSTRIES

Compact LEDECA

TECHNICAL SPECIFICATIONS

- 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
PARIS / FRANCE

General	
Operating environment	indoor
Pixel pitch	2.9mm
Service type	rear access
Calibrated brightness (nits)	600nits
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	86x86px
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]	500x1.000
IP level	IP22 front and rear
Panel weight	<15kg
Panel resolution	172x344px
Pixel density (pcs/sqm)	118.336
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 tolerance2	25% min.
Panel installation type	Rental type
Cooling	Passive cooling
Other	
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources3	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.	

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

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

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INDOOR EVENT
ISTANBUL / TURKEY

General	
Operating environment	indoor
Pixel pitch	3.9mm
Service type	rear access
Calibrated brightness (nits)	600nits
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]	500x1.000
IP level	IP22 front and rear
Panel weight	<15kg
Panel resolution	128x256px
Pixel density (pcs/sqm)	65.536
Viewing angle (horizontal x vertical)	>120° x 120°
Minimum viewing distance	>4m
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 tolerance2	25% min.
Panel installation type	Rental type
Cooling	Passive cooling
Other	
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources3	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
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INDOOR EVENT
PARIS / FRANCE

General	
Operating environment	outdoor
Pixel pitch	2.9mm
Service type	rear access
Calibrated brightness (nits)	4.000~4.500nits
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	86x86px
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]	500x1.000
IP level	IP54 front and rear
Panel weight	<15kg
Panel resolution	172x344px
Pixel density (pcs/sqm)	118.336
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 tolerance2	25% min.
Panel installation type	Rental type
Cooling	Passive cooling
Other	
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources3	All digital formats
Brightness adjustment	Automatic & manual
Death pixel monitoring	Optional
Module monitoring	YES
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Power redundancy	N/A
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