STAGE
LDAISP01.9STQ

LED SCREENS FOR STAGE, EVENT AND RENTAL INDUSTRIES

Armour
LEDECA

- 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
İSTANBUL / TÜRKİYE

General

Operating environment	indoor
Pixel pitch	1.9mm
Service type	front and rear access
Calibrated brightness (nits)	800~1.000nits
Lamp type	4in1 MiniLED
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	128x128px
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
IP level	IP22 front and rear
Panel weight	<8kg
Panel resolution	256x256px
Pixel density (pcs/sqm)	262.144
Viewing angle (horizontal x vertical)	>120° x 120°
Minimum viewing distance	>2m
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	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

*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

LEDECA

LDAISP02.6STQ

LED SCREENS FOR STAGE, EVENT AND RENTAL INDUSTRIES

Armour LEDECA

- 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
İSTANBUL / TÜRKİYE

General

Operating environment	indoor
Pixel pitch	2.6mm
Service type	front and rear access
Calibrated brightness (nits)	1.000~1.500nits
Lamp type	4in1 MiniLED
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	96x96px
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
IP level	IP22 front and rear
Panel weight	<8kg
Panel resolution	192x192px
Pixel density (pcs/sqm)	147.456
Viewing angle (horizontal x vertical)	>120° x 120°
Minimum viewing distance	>2.6m
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

*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

LEDECA

STAGE
LDAISP02.9ST

LED SCREENS FOR STAGE, EVENT AND RENTAL INDUSTRIES

Armour
LEDECA

- 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
İSTANBUL / 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)[1]	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℃ ~ +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	Rental type
Cooling	Passive cooling

Other

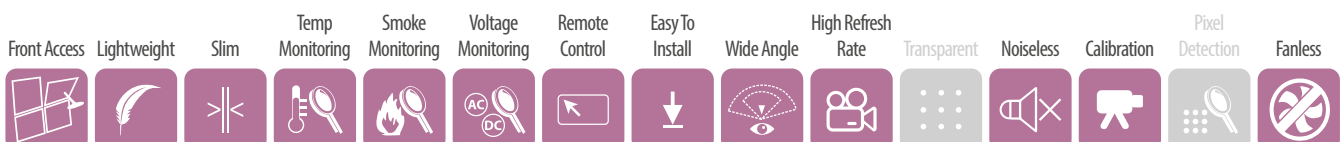|	
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources[3]	All digital formats
Brightness adjustment	Automatic & manual
Death pixel monitoring	Optional
Module monitoring	YES
Temperature monitoring	YES
Smoke monitoring	Optional
Voltage monitoring	YES
Power redundancy	N/A
Signal path backup	YES
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

*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

LEDECA

STAGE
LDAISP03.9ST

LED SCREENS FOR STAGE, EVENT AND RENTAL INDUSTRIES

Armour
LEDECA

- 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
İSTANBUL / TÜRKİYE

General

Operating environment	indoor
Pixel pitch	3.9mm
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	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]	500x500
IP level	IP22 front and rear
Panel weight	<8kg
Panel resolution	128x128px
Pixel density (pcs/sqm)	65.536
Viewing angle (horizontal x vertical)	>120° x 120°
Minimum viewing distance	>4m
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	Rental type
Cooling	Passive cooling

Other

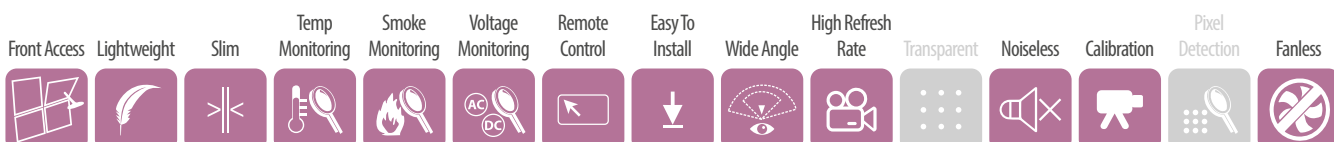|	
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources[3]	All digital formats
Brightness adjustment	Automatic & manual
Death pixel monitoring	Optional
Module monitoring	YES
Temperature monitoring	YES
Smoke monitoring	Optional
Voltage monitoring	YES
Power redundancy	N/A
Signal path backup	YES
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

*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

STAGE
LDAOSP03.9ST

LED SCREENS FOR STAGE, EVENT AND RENTAL INDUSTRIES

Armour
LEDECA

- 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

OUTDOOR EVENT
MOSCOW/RUSSIA

General

Operating environment	outdoor
Pixel pitch	3.9mm
Service type	rear access
Calibrated brightness (nits)	4.500~5.000nits
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	64x64px
LED drive method	dynamic
Module material	plastic (PC)
Module type	sealed
PCB type	multilayer
PCB surface coating	humiseal

Panel Specifications

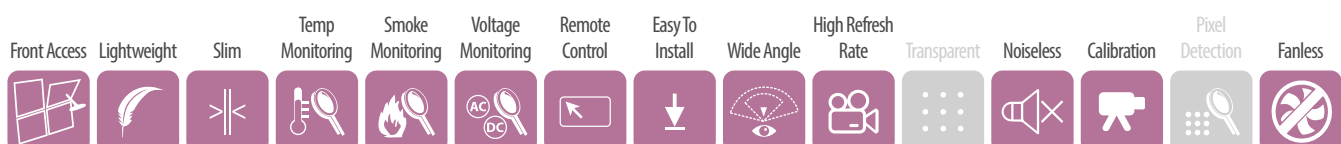|	
Panel material	die-casting aluminum
Panel paint	ES powder coated
Panel dimensions (mm)[1]	500x1.000
IP level	IP54 front and rear
Panel weight	<15kg
Panel resolution	128x256px
Pixel density (pcs/sqm)	65.536
Viewing angle (horizontal x vertical)	>120° x 120°
Minimum viewing distance	>4m
Operating temperature range	-15°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

*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

LEDECA

STAGE
LDAOSP04.8ST

LED SCREENS FOR STAGE, EVENT AND RENTAL INDUSTRIES

Armour
LEDECA

- 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

OUTDOOR EVENT
MOSCOW/RUSSIA

General

Operating environment	outdoor
Pixel pitch	4.8mm
Service type	rear access
Calibrated brightness (nits)	4.500~5.000nits
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	52x52px
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	104x208px
Pixel density (pcs/sqm)	43.264
Viewing angle (horizontal x vertical)	>120° x 120°
Minimum viewing distance	>5m
Operating temperature range	-15°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

*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

LEDECA