

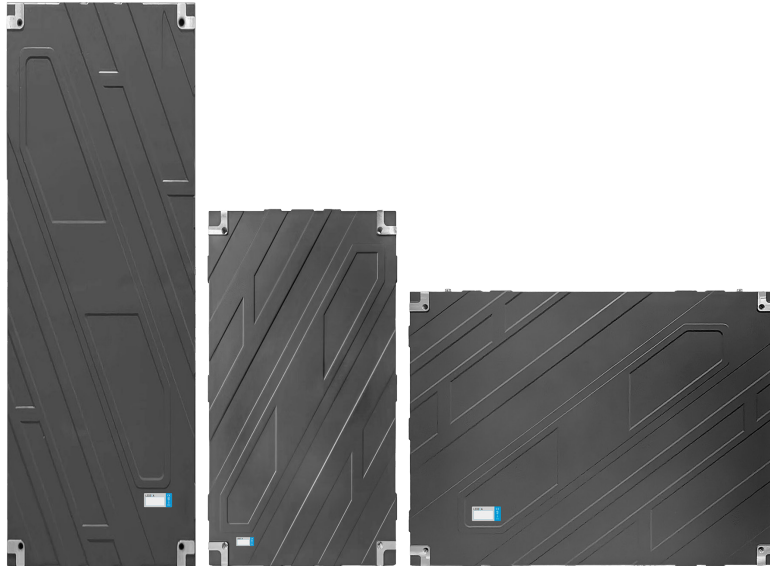
GALLERY

LDCICP01.8GA

COST EFFECTIVE AND DURABLE
INDOOR LED SCREENS



TECHNICAL SPECIFICATIONS



- Affordable and reliable product for retail industry
- Right choice for multiple led screen applications
- Fanless noiseless design
- Easy to install, easy to adapt, easy to connect to DS network
- Production level calibration for best color uniformity

GRAZ UNIVERSITY
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General

Operating environment	indoor
Pixel pitch	1.86mm
Service type	front access
Calibrated brightness (nits)	600nits
Lamp type	COB Micro LED
Lifespan (hours at %50 brightness)	>100.000hours
White color calibration (adj.)	3.500K~8.500K
Gray scale	>13bits
Brightness control	256 level

Module Specifications

Module dimensions (mm)	320x160
Refresh frequency	3.840Hz
Module resolution	172x86px
LED drive method	dynamic
Module material	plastic
Module type	apparent
PCB type	multilayer
PCB surface coating	humiseal

Panel Specifications

Panel material	Die-cast aluminum
Panel paint	ES powder coated
Panel dimensions (mm)	640x480 / 320x640 / 320x480 / 640x320 / 640x640 / 960x480
IP level	IP20 front, IP40 rear
Panel depth	54mm~75mm
Panel resolution (640x480mm)	344x258px
Pixel density (pcs/sqm)	288.906
Viewing angle (horizontal x vertical)	>160° x 160°
Minimum viewing distance	>1.8m
Operating temperature range	20°C ~ +50°C
Storage temperature range	-25°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	<150W
Max power per sqm	<600W
Active PFC	YES
Load tolerance2	25% min.
Panel installation type	Fixed installation
Cooling	Passive cooling

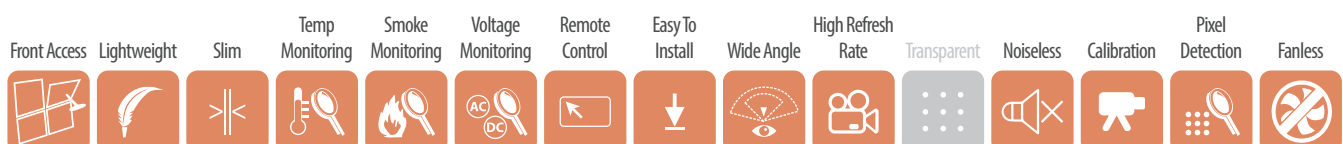
Other

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.

- 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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The icons above indicate optional features

LEDECA