

LGAOSP02.9CLX

OUTDOOR FINE PITCH LED SCREENS FOR
DIGITAL OUT-OF-HOME MESSAGING &
PROFESSIONAL INSTALLATIONS



TECHNICAL SPECIFICATIONS

GENERAL

Chipset	:	
Operating environment	:	outdoor
Pixel pitch	:	2.9mm
Service type	:	front and rear access
Calibrated brightness (nits)	:	7.000 nits
Lamp type	:	SMD
Lifespan (hours at %50 brightness)	:	>100.000 hours
White color calibration (adj.)	:	3.500K-8.500K
Gray scale	:	>16 bits
Brightness control	:	256 level

MODULE SPECIFICATIONS

Module dimensions (mm)	:	250x250
Refresh frequency	:	2.880Hz - 3.840Hz
Module resolution	:	84x84px
LED drive method	:	dynamic
Module material	:	aluminum
Module type	:	sealed
PCB type	:	multilayer
Surface coating	:	UV resistant & high contrast

PANEL SPECIFICATIONS

Panel material	:	aluminum
Panel paint	:	ES powder coated
Panel dimensions (mm)	:	500x1.000
Panel depth	:	86mm
IP level	:	IP67 front, IP65 rear
Panel weight	:	<16 kg
Panel resolution	:	168x336px
Pixel density (pcs/sqm)	:	112.896
Viewing angle (horizontal x vertical)	:	>160° x 140°
Minimum viewing distance	:	>3m
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	:	<140W
Max power per sqm	:	<650W
Active PFC	:	YES
Load tolerance	:	25% min.
Panel installation type	:	Fixed installation
Cooling	:	Passive cooling without fan

OTHER

Max input resolution	:	FHD, UHD, 4K, 8K
Standard video sources	:	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

Contrast ratio	:	10.000:1
Higher Brightness - CLX	:	6.500 nits
Corner installation	:	90-degree / curved

Ürün görseli buraya

- ☐ New generation full-flip chip microLED technology
- ☐ Adjustable brightness optionally up to 6.500 nits
- ☐ Production level calibration for best color uniformity
- ☐ Aluminum fanless design for high performance under extreme conditions
- ☐ Lightweight for easy adaptation and low cost framework design
- ☐ Lower power consumption with common-cathode technology

Yaşam tarzı / araba görseli buraya

LEDGARANTI OUTDOOR
FINE PITCH SOLUTIONS

- 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

IDEAL FOR

DOOH
Advertising

Shopping
Malls

Stadiums

Corporate
Buildings

Transport
Hubs

Control
Rooms

ADVANCED FEATURES

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	