# **CITYLINE** DCOSP04.0CL

**OUTDOOR LED SCREENS FOR DIGITAL OUT-OF-HOME MESSAGING** 





- New generation cost effective led screen panel for outdoor use
- Right choice for DOOH media screen installations
- Lightweight for easy adaptation and low cost framework design
- Production level calibration for best color uniformity





## General

Operating environment	outdoor
Pixel pitch	4mm
Service type	rear access
Calibrated brightness (nits)	6.000nits
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)	320x160
Refresh frequency	adjustable
Module resolution	80x40px
LED drive method	dynamic
Module material	plastic (PC)
Module type	apparent
PCB type	multilayer
PCB surface coating	humiseal

### **Panel Specifications**

Panel material	galvanized steel sheet/alu- minum
Panel paint	ES powder coated
Panel dimensions (mm) <sup>1</sup>	960x960
IP level	IP67 front, IP54 rear
Panel weight	<50kg
Panel resolution	256x256px
Pixel density (pcs/sqm)	62.500
Viewing angle (horizontal x vertical)	>120°x120°
Minimum viewing distance	>4m
Operating temperature range	-15°C ~ +45°C
Storage temperature range	-40°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	<650W
Active PFC	YES
Load tolerance <sup>2</sup>	25% min.
Panel installation type	Fixed installation
Cooling	Internal fan
Other	

Cooling	II ILCII Iai Iai I
Other	
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources <sup>3</sup>	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	CF-FMC, CF-LVD, RoHS,FCC

\*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









Temp





Voltage

Monitoring



Remote

Control



Easy To





High Refresh









Pixel









Smoke

Monitoring













# **CITYLINE** DCOSP05.0CL

**OUTDOOR LED SCREENS FOR DIGITAL OUT-OF-HOME MESSAGING** 





- New generation cost effective led screen panel for outdoor use
- Right choice for DOOH media screen installations
- Lightweight for easy adaptation and low cost framework design
- Production level calibration for best color uniformity

## **KADIKOY PIER BOOK CAFE**

ISTANBUL / TURKEY



## General

Operating environment	outdoor
Pixel pitch	5mm
Service type	rear access
Calibrated brightness (nits)	6.000nits
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 Specifications Module dimensions (mm)	320x160
•	320x160 adjustable
Module dimensions (mm)	
Module dimensions (mm) Refresh frequency	adjustable
Module dimensions (mm) Refresh frequency Module resolution	adjustable 64x32px
Module dimensions (mm) Refresh frequency Module resolution LED drive method	adjustable 64x32px dynamic
Module dimensions (mm) Refresh frequency Module resolution LED drive method Module material	adjustable 64x32px dynamic plastic (PC)

### **Panel Specifications**

· and openinations	
Panel material	galvanized steel sheet/alu- minum
Panel paint	ES powder coated
Panel dimensions (mm) <sup>1</sup>	960x960
IP level	IP67 front, IP54 rear
Panel weight	45kg/35kg
Panel resolution	192x192px
Pixel density (pcs/sqm)	40.000
Viewing angle (horizontal x vertical)	>120°x120°
Minimum viewing distance	>5m
Operating temperature range	-15°C ~ +45°C
Storage temperature range	-40°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	<650W
Active PFC	YES
Load tolerance <sup>2</sup>	25% min.
Panel installation type	Fixed installation
Cooling	Internal fan
Other	

Cooling	Internal fan
Other	
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources <sup>3</sup>	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	CF-FMC, CF-LVD, RoHS,FCC

\*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

Slim

Smoke Temp Monitoring Monitoring

Voltage Monitoring Remote Control

Easy To Install

Wide Angle

High Refresh Rate







































# **CITYLINE** COSP06.0CL

**OUTDOOR LED SCREENS FOR DIGITAL OUT-OF-HOME MESSAGING** 





- New generation cost effective led screen panel for outdoor use
- Right choice for DOOH media screen installations
- Lightweight for easy adaptation and low cost framework design
- Production level calibration for best color uniformity

## **CEVEP**



## General

Operating environment	outdoor
Pixel pitch	6mm
Service type	rear access
Calibrated brightness (nits)	6.000nits
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)	320x160
Refresh frequency	adjustable
Module resolution	52x26px
LED drive method	dynamic
Module material	plastic (PC)
Module type	apparent
PCB type	multilayer
PCB surface coating	humiseal

### Panel Specifications

ranei specincations	
Panel material	galvanized steel sheet/alu- minum
Panel paint	ES powder coated
Panel dimensions (mm) <sup>1</sup>	960x960
IP level	IP67 front, IP54 rear
Panel weight	45kg/35kg
Panel resolution	156x156px
Pixel density (pcs/sqm)	26.244
Viewing angle (horizontal x vertical)	>120°x120°
Minimum viewing distance	>6m
Operating temperature range	-15°C ~ +45°C
Storage temperature range	-40°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	<650W
Active PFC	YES
Load tolerance <sup>2</sup>	25% min.
Panel installation type	Fixed installation
Cooling	Internal fan
Other	

Cooling	II ILCII Iai Iai I
Other	
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources <sup>3</sup>	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	CF-FMC, CF-LVD, RoHS,FCC

\*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

Temp Monitoring

Smoke Monitoring

Voltage Remote Monitoring Control

Easy To Install

Wide Angle













































# **CITYLINE** COSP06.6CL

**OUTDOOR LED SCREENS FOR DIGITAL OUT-OF-HOME MESSAGING** 





- New generation cost effective led screen panel for outdoor use
- Right choice for DOOH media screen installations
- Lightweight for easy adaptation and low cost framework design
- Production level calibration for best color uniformity

## **DIGITAL BILLBOARD**

ISTANBUL / TURKEY



## General

Operating environment	outdoor
Pixel pitch	6.6mm
Service type	rear access
Calibrated brightness (nits)	6.000nits
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)	320x160
Refresh frequency	adjustable
Module resolution	48x24px
LED drive method	dynamic
Module material	plastic (PC)
Module type	apparent
PCB type	multilayer
PCB surface coating	humiseal

Panel material	galvanized steel sheet/alu- minum
Panel paint	ES powder coated
Panel dimensions (mm) <sup>1</sup>	960x960
IP level	IP67 front, IP54 rear
Panel weight	45kg/35kg
Panel resolution	156x156px
Pixel density (pcs/sqm)	22.500
Viewing angle (horizontal x vertical)	>120°x120°
Minimum viewing distance	>6.6m
Operating temperature range	-15°C ~ +45°C
Storage temperature range	-40°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	<650W
Active PFC	YES
Load tolerance <sup>2</sup>	25% min.
Panel installation type	Fixed installation
Cooling	Internal fan
Other	

Cooling	Internal fan
Other	
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources <sup>3</sup>	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

## Certification 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







Temp





Smoke



Voltage



Remote



Easy To







High Refresh





Noiseless























8mm

rear access

7.000nits SMD

>100.000hours

>16bits

256 level

320x160

40x20px

dynamic

plastic (PC)

apparent

humiseal

galvanized steel sheet/alu-

minum

ES powder coated

960x960

IP67 front, IP54 rear

45kg/35kg

128x128px

15.625

>120°x120°

>8m

-15°C ~ +45°C

-40°C ~ +60°C

10% ~ 90% non-condensing

110~240 VAC

50~60 Hz <150W

<650W

YES

25% min. Fixed installation

Internal fan

All digital formats

Optional

YES

Optional

N/A

YES

CAT or Fiber Optic

YES

Optional

YES

CE-EMC, CE-LVD, RoHS,FCC

YES

FHD. UHD. 4K. 8K

Automatic & manual

adiustable

multilayer

3.500K~8.500K



















Temp

Monitoring

Slim

Front Access Lightweight

## **CITYLINE** DCOSP08.0CL





- New generation cost effective led screen panel for outdoor use
- Right choice for DOOH media screen installations
- Lightweight for easy adaptation and low cost framework design Production level calibration for best color uniformity

**MALL OF ISTANBUL** 



## Easy To Remote





Wide Angle



High Refresh

Rate



General

Service type

I amp type

Grav scale

Brightness control

Refresh frequency

Module resolution

LED drive method

Module material

PCB surface coating

**Panel Specifications** 

Panel dimensions (mm)

Pixel density (pcs/sam)

Viewing angle (horizontal x vertical)

Minimum viewing distance

Operating temperature range

Storage temperature range

Operating humidity

Power input voltage

Active PFC

Cooling

Other Max input resolution

Load tolerance<sup>2</sup>

Power input frequency

Average power per sam Max power per sqm

Standard video sources3

Brightness adjustment

Death pixel monitoring

Module monitoring Temperature monitoring

Smoke monitorina

Voltage monitoring

Power redundancy

Signal path backup

Signal transmission

Standby scheduling

Power saving mode

white color content

Certification

Power on/off scheduling

Module type

Panel material

Panel paint

Panel weight

Panel resolution

IP level

PCB type

**Module Specifications** Module dimensions (mm)

Operating environment Pixel pitch

Calibrated brightness (nits)

White color calibration (adj.)

Lifespan (hours at %50 brightness)









Pixel

Detection

Smoke

Monitoring



Voltage



Control









Noiseless



Calibration

\*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

3- Different types of video input available as option



# **CITYLINE** COSP10.0CL

**OUTDOOR LED SCREENS FOR DIGITAL OUT-OF-HOME MESSAGING** 





- New generation cost effective led screen panel for outdoor use
- Right choice for DOOH media screen installations
- Lightweight for easy adaptation and low cost framework design
- Production level calibration for best color uniformity

## **MASKO** ISTANBUL / TURKEY



## General

Operating environment	outdoor
Pixel pitch	10mm
Service type	rear access
Calibrated brightness (nits)	6.500nits
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)	320x160
Refresh frequency	adjustable
Module resolution	32x16px
LED drive method	dynamic
Module material	plastic (PC)
Module type	apparent
PCB type	multilayer
PCB surface coating	humiseal

### **Panel Specifications**

Panel material	galvanized steel sheet/alu- minum
Panel paint	ES powder coated
Panel dimensions (mm) <sup>1</sup>	960x960
IP level	IP67 front, IP54 rear
Panel weight	45kg/35kg
Panel resolution	96x96px
Pixel density (pcs/sqm)	10.000
Viewing angle (horizontal x vertical)	>120°x120°
Minimum viewing distance	>10m
Operating temperature range	-15°C ~ +45°C
Storage temperature range	-40°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	<650W
Active PFC	YES
Load tolerance <sup>2</sup>	25% min.
Panel installation type	Fixed installation
Cooling	Internal fan
Other	

Cooling	II ILCII Iai Iai I
Other	
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources <sup>3</sup>	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





















































