FREEFORM DSISP01.9FF

FLEXIBLE INDOOR AND OUTDOOR LED SCREENS FOR CURVED AND IRREGULAR SHAPED **PROJECTS**

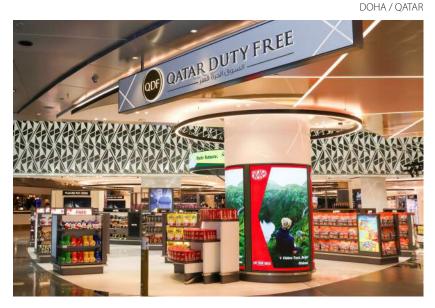






- Suitable for any kind of convex or concave installations
- Intelligent construction for ultra-thin frame depth
- Lightweight for easy adaptation and low cost framework design
- Improved mask structure that increases viewing angle
- Special framework design and production available

QATAR AIRPORT



General	
Operating environment	indoor
Pixel pitch	1.9mm
Service type	front and rear access
Calibrated brightness (nits)	700nits
Lamp type	SMD
Lifespan (hours at %50 brightness)	>100.000hours
White color calibration (adj.)	3.500K~8.500K
Grav 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 (el.)
Module type	freeform
PCB type	multilayer thin film
PCB surface coating	tape film
Panel Specifications	таре ппп
Panel material	steel
Panel paint	ES powder coated
Panel dimensions (mm)1	'
IP level	adjustable
	IP40 front IP20 rear
Minimum curving diameter (mm)	850
Panel resolution	adjustable
Pixel density (pcs/sqm)	262.144
Viewing angle (horizontal x vertical)	>160° x 140°
Minimum viewing distance	>2m
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	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	CE LIVIC, CE LVD, NOI ID, I CC

*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

Smoke Monitoring

Voltage Monitoring

Remote Control

Easy To Install

Wide Angle

High Refresh Rate

Noiseless

Calibration







Fanless









Temp





















FREEFORM DSISP02.6FF

FLEXIBLE INDOOR AND OUTDOOR LED SCREENS FOR CURVED AND IRREGULAR SHAPED **PROJECTS**







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- Improved mask structure that increases viewing angle
- Special framework design and production available

PIAZZA MALL ISTANBUL / TURKEY



General	
Operating environment	indoor
Pixel pitch	2.6mm
Service type	front and rear access
Calibrated brightness (nits)	900nits
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	96x96px
LED drive method	dynamic
Module material	plastic (el.)
Module type	freeform
PCB type	multilayer thin film
PCB surface coating	tape film
Panel Specifications	
Panel material	steel
Panel paint	ES powder coated
Panel dimensions (mm)1	adjustable
IP level	IP40 front IP20 rear
Minimum curving diameter (mm)	850
Panel resolution	adjustable
Pixel density (pcs/sqm)	147.456
Viewing angle (horizontal x vertical)	>160° x 140°
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 tolerance2	25% min.
Panel installation type	Fixed installation
Cooling	Passive cooling
Other	1 435110 60011119
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 YES
,	
Power on/off scheduling	Optional
Power saving mode	YES
Certification	CE-EMC, CE-LVD, RoHS, FCC
Unrions	

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

Temp Slim Monitoring

Smoke Monitoring

Voltage Monitoring Remote Control

Easy To Install

Wide Angle

High Refresh Rate

Noiseless

Calibration

Pixel Detection

































FREEFORM

DSISP03.9FF

FLEXIBLE INDOOR AND OUTDOOR LED SCREENS FOR CURVED AND IRREGULAR SHAPED **PROJECTS**







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DECATHLON

ISTANBUL / TURKEY



indoor
3.9mm
front and rear access
900nits
SMD
>100.000hours
3.500K~8.500K
>16bits
256 level
25016461
250x250
3.840Hz
64x64px
dynamic
plastic (el.)
freeform
multilayer thin film
tape film
steel
ES powder coated
adjustable
IP40 front IP20 rear
850
adjustable
65.536
>160° x 140°
>4m
0°C ~ +50°C
-20°C ~ +60°C
10% ~ 90% non-condensing
110 ~ 240 VAC
50 ~ 60 Hz
<120W
<600W
YES
25% min.
Fixed installation
Passive cooling
, and the second
FHD, UHD, 4K, 8K
All digital formats
Automatic & manual
Optional
YES
YES
Optional
YES
N/A
YES
C.17 51 0
CAT or Fiber Optic
YES
YES Optional
YES

Options

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- 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

Noiseless

Calibration

Pixel Detection





































FREEFORM DSOSP02.9FF

FLEXIBLE INDOOR AND OUTDOOR LED SCREENS FOR CURVED AND IRREGULAR SHAPED **PROJECTS**







- Suitable for any kind of convex or concave installations
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- Special framework design and production available

CARREFOURSA

ISTANBUL / TURKEY



outdoor
2.9mm
front and rear access
4.000nits
SMD
>100.000hours
3.500K~8.500K
>16bits
256 level
25016461
250x250
3.840Hz
84x84px
dynamic
plastic (el.)
freeform
multilayer thin film
tape film
steel
ES powder coated
adjustable
IP67 front IP65 rear
850
adjustable
112.896
>160° x 140°
>3m
-10°C ~ +50°C
-20°C ~ +60°C
10% ~ 90% non-condensing
110 ~ 240 VAC
50 ~ 60 Hz
<150W
<650W
YES
25% min.
Fixed installation
Passive cooling
r assive cooming
FHD, UHD, 4K, 8K
All digital formats
Automatic & manual
Optional
YES
YES
. ===
Optional
YES
N/A
YES
CAT or Fiber Optic
CAT or Fiber Optic YES
YES

*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
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Front Access Lightweight

Temp Monitoring

Smoke Monitoring

Voltage Monitoring Remote Control

Easy To Install

Wide Angle

High Refresh Rate

Noiseless

Calibration











Slim

























FREEFORM

DSOSP03.9FF

FLEXIBLE INDOOR AND OUTDOOR LED SCREENS FOR CURVED AND IRREGULAR SHAPED **PROJECTS**

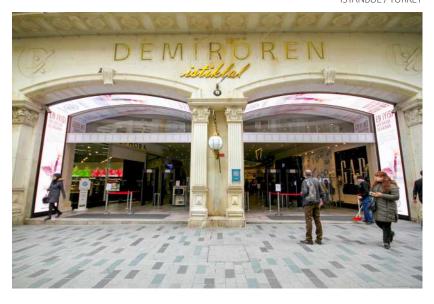






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DEMIROREN MALL ISTANBUL / TURKEY



General	
Operating environment	outdoor
Pixel pitch	3.9mm
Service type	front and rear access
Calibrated brightness (nits)	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	250 16 VC1
Module dimensions (mm)	250x250
Refresh frequency	3.840Hz
Module resolution	64x64px
LED drive method	dynamic
Module material	plastic (el.)
Module type	freeform
PCB type	multilayer thin film
PCB surface coating	tape film
Panel Specifications	таре шт
Panel material	steel
Panel paint	ES powder coated
Panel dimensions (mm) ¹	adjustable
IP level	IP67 front IP65 rear
Minimum curving diameter (mm)	850
Panel resolution	adjustable
Pixel density (pcs/sgm)	65.536
Viewing angle (horizontal x vertical)	>160° x 140°
Minimum viewing distance	>100 X 140
Operating temperature range	-10°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 sgm	<150W
Max power per sqm	<650W
Active PEC	YES
Load tolerance2	25% min.
Panel installation type	Fixed installation
Cooling	Passive cooling
Other	1 assive cooling
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	

Options

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- 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

Smoke Temp Monitoring

Voltage Monitoring Remote Control

Easy To Install

Wide Angle

High Refresh Rate

Noiseless

Calibration









Slim



























FREEFORM DSOSP04.8FF

FLEXIBLE INDOOR AND OUTDOOR LED SCREENS FOR CURVED AND IRREGULAR SHAPED **PROJECTS**

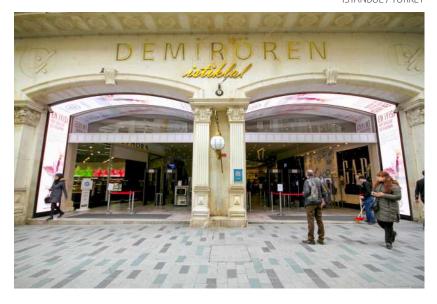






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DEMIROREN MALL ISTANBUL / TURKEY



General	
Operating environment	outdoor
Pixel pitch	4.8mm
Service type	front and rear access
Calibrated brightness (nits)	5.000nits
Lamp type	SMD
Lifespan (hours at %50 brightness)	>100.000hours
White color calibration (adj.)	3.500K~8.500K
Grav 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 (el.)
Module type	freeform
PCB type	multilayer thin film
PCB surface coating	tape film
Panel Specifications	таре шт
Panel material	steel
Panel paint	ES powder coated
Panel dimensions (mm) ¹	adjustable
IP level	IP67 front IP65 rear
	850
Minimum curving diameter (mm)	
Panel resolution	adjustable
Pixel density (pcs/sqm)	43.264
Viewing angle (horizontal x vertical)	>160° x 140°
Minimum viewing distance	>5m
Operating temperature range	-10°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	<150W
Max power per sqm	<650W
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
Ontions	CE LIVIC, CE LVD, NOI D, I CC

Options

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Front Access Lightweight

Temp Monitoring

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Easy To Install

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Slim























