



SINCE 1993

# OUTDOOR LED SCREEN DISPLAY SOLUTION

Leading & innovative technology | Smart & brilliant display



- Total lighting solution -

[www.oversealighting.com](http://www.oversealighting.com)



## Outdoor Energy Saving Solution

# ES Series

Pixel Pitch	P3.125	P4.16	P5	P6.25	P8.33	P10
LED Type	SMD1415	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Physical Density (dots/m <sup>2</sup> )	102400	57600	40000	25600	14400	10000
Module Resolution	128×96	96×72	80×60	64×48	48×36	40×30
Module Size (W×H)	400×300	400×300	400×300	400×300	400×300	400×300
Cabinet Size(mm)	800×900/800×1200	800×900/800×1200	800×900/800×1200	800×900/800×1200	800×900/800×1200	800×900/800×1200
Cabinet Resolution	256×288/256×384	192×216/192×288	160×180/160×240	128×144/128×192	96×108/96×144	80×90/80×120
Module QTY /Cabinet (W×H)	2×3/2×4	2×3/2×4	2×3/2×4	2×3/2×4	2×3/2×4	2×3/2×4
Cabinet Weight(kg)	17.5 / 22.5	17.5 / 22.5	17.5 / 22.5	17.5 / 22.5	17.5 / 22.5	17.5 / 22.5
Maintenance Mode	Front/Back maintenance	Front/Back maintenance	Front/Back maintenance	Front/Back maintenance	Front/Back maintenance	Front/Back maintenance
Cabinet Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Brightness	5000	6500	6500	6500	6500	6500
Color Temperature(K)	1000-18500 Adjustable	1000-18500 Adjustable	1000-18500 Adjustable	1000-18500 Adjustable	1000-18500 Adjustable	1000-18500 Adjustable
Viewing angle	140°/160°	140°/160°	140°/160°	140°/160°	140°/160°	140°/160°
The best viewing distance	4-150m	4-150m	5-150m	6-200m	8-200m	10-300m
Contrast Ratio	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1
Frame Frequency	50/60	50/60	50/60	50/60	50/60	50/60
Drive Mode	Static, 1/16 Scan	Static, 1/6 Scan	Static, 1/6 Scan	Static, 1/6 Scan	Static, 1/3 Scan	Static, 1/2 Scan
Grey level	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Refresh Rate (Hz)	3840	3840	3840	3840	3840	3840
Max Power Consumption(W/m <sup>2</sup> )	780	780	780	780	780	780
Average Power Consumption(W/m <sup>2</sup> )	200-300	200-300	200-300	200-300	200-300	200-300
IP Grade	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
Input Power	AC90-264V, 47-63 Hz					
Working Temperature/Humidity (°C/RH)	-20~60°C / 10%~85%					
Storage Temperature/Humidity (°C/RH)	-20~60°C / 10%~85%					
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC					



Energy-saving



Front&rear access



Dot to dot inspection



Brightness & color calibration



Multiple applications



### Front View

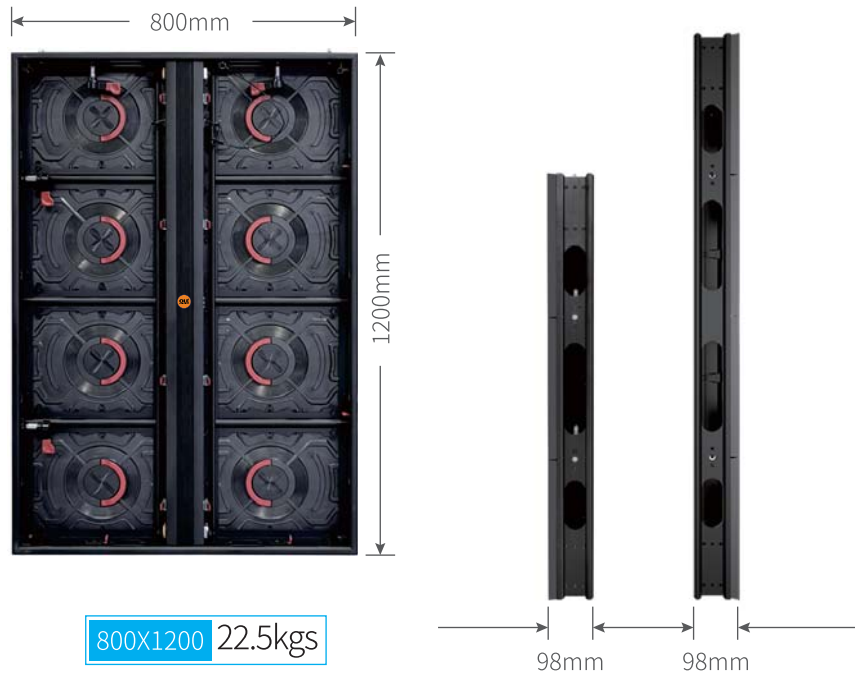
Updated mask with corrugated and light refraction design, to achieve high contrast ratio



### Rear View

Aluminum cabinet frame, lighter & thinner  
Reduce cost of transportation and labor





**ES Series**



Electric power saving up to

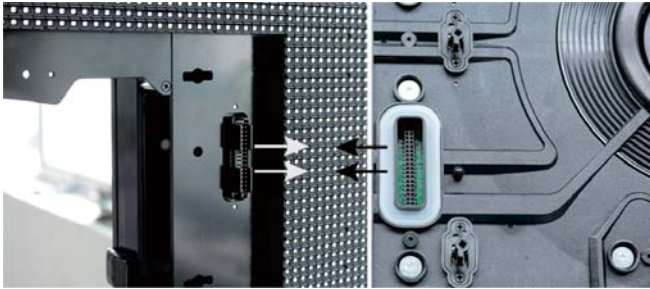
**30%**

**Regular LED Screen**



ES Series	Energy Consumption (w/m <sup>2</sup> )
Average Power Consumption	200-300
Max Power Consumption	780

Regular LED screen	Energy Consumption (w/m <sup>2</sup> )
Average Power Consumption	425
Max Power Consumption	1000



### Wireless Connection

Hot-swapping technology and modular design



### Fast Installation

Fast locks+High precision aluminum cabinet frame  
Perfect flatness splicing

### Front & Rear Maintenance

Multi maintenance ways meets any installation requirement

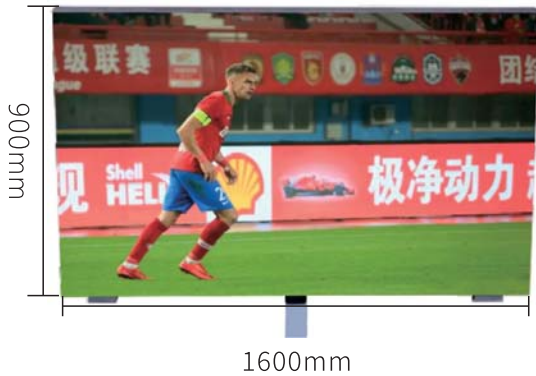


Stadium Perimeter LED Screen Display

**E-Ban Series**



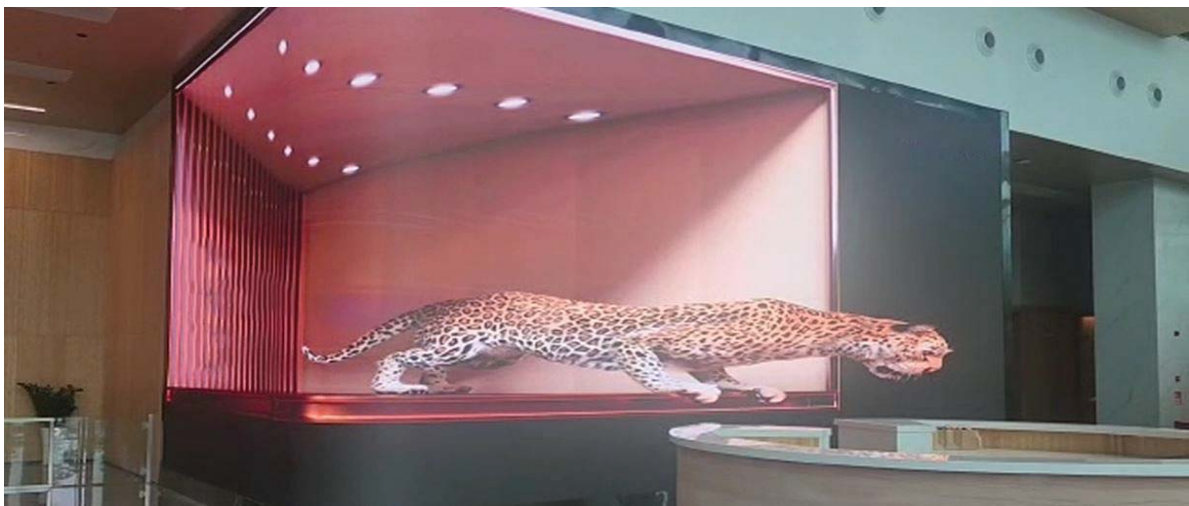
Pixel Pitch	P6.25	P8.33	P10
LED Type	SMD2727	SMD2727	SMD2727
Physical Density (dots/m <sup>2</sup> )	25600	14400	10000
Module Resolution	64×48	48×36	40×30
Module Size (W×H)	400×300	400×300	400×300
Cabinet Size(mm)	1600×900	1600×900	1600×900
Cabinet Resolution	256×144	192×108	160×90
Module QTY /Cabinet (W×H)	4×3	4×3	4×3
Cabinet Weight(kg)	45	45	45
Maintenance Mode	Front/Back maintenance	Front/Back maintenance	Front/Back maintenance
Cabinet Material	Aluminum	Aluminum	Aluminum
Brightness	6500	6500	6500
Color Temperature(K)	1000-18500 Adjustable	1000-18500 Adjustable	1000-18500 Adjustable
Viewing Angle(H/V)	140°/160°	140°/160°	140°/160°
The best viewing distance	6-200m	8-200m	10-200m
Contrast Ratio	10000:1	10000:1	10000:1
Frame Frequency	50/60	50/60	50/60
Drive Mode	Static, 1/6 Scan	Static, 1/3 Scan	Static, 1/2 Scan
Grey Level	16 bit	16 bit	16 bit
Refresh Rate (Hz)	3840	3840	3840
Max Power Consumption(W/m <sup>2</sup> )	600	600	600
Average Power Consumption(W/m <sup>2</sup> )	120-200	120-200	120-200
IP Grade	IP 65	IP 65	IP 65
Input Power	AC90-264V, 47-63 Hz		
Working Temperature/Humidity (°C/RH)	-20~60°C / 10%~85%		
Storage Temperature/Humidity (°C/RH)	-20~60°C / 10%~85%		
Cert.	CCC / CE / RoHS / FCC / CB / TUV / IEC		



- Cabinet can be customized
- Soft mask and cushion protect the athlete from hurting
- Handles, fast lock, wheels help quick installation
- IP 65 for both front and rear sides
- Module waterproof, joint seamless splicing, good display effect
- High brightness , high resolution and stable performance
- Brightness is more than  $6500\text{cd}/\text{m}^2$ , the performance is still visuable under strong light
- Support front and rear maintenance, maintenance way is easy and quick
- Remote control the display (Power on/off, public content , adjust brightness)



# 3D LED Screen





# 3D LED Screen



# Project Photo



OLE LED Screen at Putrajaya



OLE LED Track Light at Bangunan DBKL  
Jalan Raja Laut, Malaysia



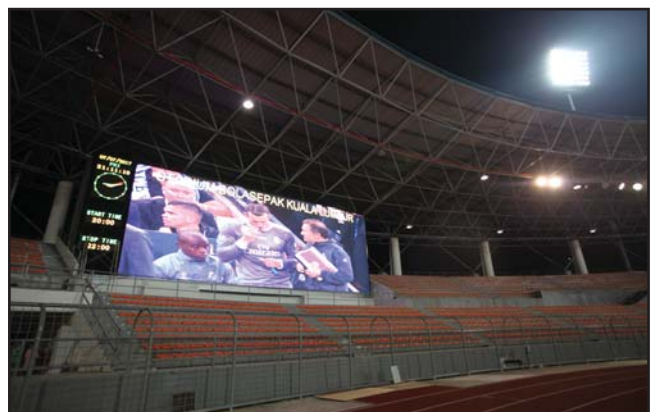
OLE LED Screen, Kuala Selangor, Selangor, Malaysia



OLE LED Screen at Padang Astaka Kemaman,  
Terengganu, Malaysia



OLE LED Screen at Terengganu, Malaysia



OLE LED Scoreboard at Stadium Cheras,  
Selangor, Malaysia

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