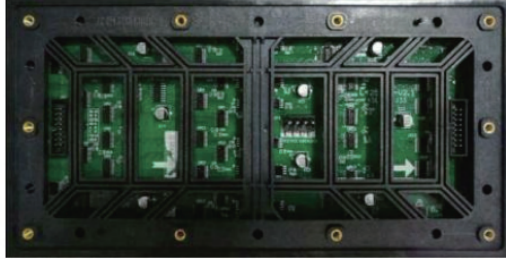
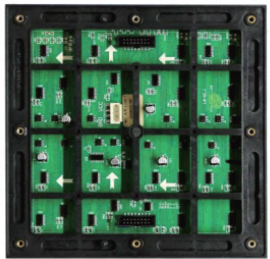
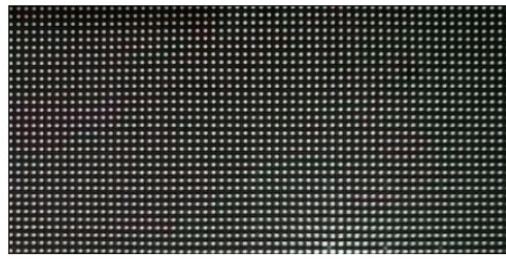
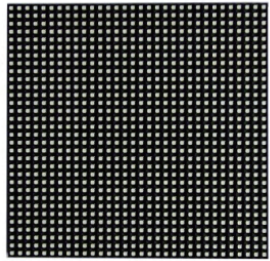


# Outdoor LED Signage

- LED display for eye-catching advertisements, fine dust, weather / promotion/disaster safety, etc
- The combination of unit LED modules can be manufactured in various sizes depending on the characteristics of the place to be installed.
- Choose from Pixel Pitch 4-6 to play sophisticated content for your environment.
- Designed for outdoor use, it is not affected by climatic requirements such as snow, rain, and wind.
- Easy CMS software that connects to the Internet enables automatic schedule management and content uploads from time to time.



< Installation view >



< Module 1 - Front & Rear >

< Module 2 - Front & Rear >



< Module 3 - Front & Rear >



## Specifications - Pitch 4

### LED Lamp Parameters (Test Condition : 25°C)

Product Model	Color	IF(mA)	Rd(nm)	Iv(mcd)	Vf(V)	View Angle
		TEST	Typ.	Typ.	Typ.	(deg.)
Top SMD2525 2.4 x 2.6 x 2.1	Red	20	620-625	490	2.0	110
	Green	20	520-525	1250	3.1	110
	Blue	20	465-470	290	3.1	110

### Module Specification

1	Pixel Pitch (mm)	4
2	LED Package	SMD2525
3	Pixel Density (dots/m <sup>2</sup> )	62500
4	Maximum Brightness (cd/m <sup>2</sup> )	≥6000
5	Module Size (mm)	W256 x H128
6	Module Resolution (dots)	W64 x H32
7	Scanning Mode	1/8

### Cabinet Specification

1	Cabinet Size (mm)	W1280 x H768 x D120
2	Cabinet Resolution (dots)	W320 x H192
3	Module Quantity (pcs)	30
4	Material	Iron
5	Maximum Power (W)	about 700
6	Cabinet Weight (Kg)	55Kg

### Screen Specification

1	Maximum Power (W/m <sup>2</sup> )	750
2	Reference Average Power (W/m <sup>2</sup> )	300
3	View Angle	H140°/V140°
4	Optimal Viewing Distance (m)	≥4m
5	Frame Frequency (Hz)	50/60
6	Fresh Frequency (Hz)	≥1920
7	Brightness Control	Support automatic adjustment
8	Gray Scale (Bit)	16
9	Operating Voltage	AC220V ± 10% (Optional AC110V)
10	Defect Rate	≤0.00001
11	Life Span	≥100,000 hours
12	Brightness Uniformity	<3%
13	Operating Temperature	-10°C~60°C
14	Operating Humidity	10%~85%
15	Control System	Synchronous
16	Input Signal (Option)	HDMI

\* The specification is subject to change without prior notice.

## Specifications - Pitch 5

LED Lamp Parameters (Test Condition : 25°C)						
Product Model	Color	IF(mA)	Rd(nm)	Iv(mcd)	Vf(V)	View Angle
		TEST	Typ.	Typ.	Typ.	(deg.)
Top SMD2727 2.8 x 2.7 x 2.45	Red	20	620-625	690	2.1	110
	Green	15	520-525	1450	3.0	110
	Blue	10	465-470	275	3.0	110

Module Specification		
1	Pixel Pitch (mm)	5
2	LED Package	SMD2727
3	Pixel Density (dots/m <sup>2</sup> )	40000
4	Maximum Brightness (cd/m <sup>2</sup> )	≥5000
5	Module Size (mm)	W160 x H160
6	Module Resolution (dots)	W32 x H32
7	Scanning Mode	1/8

Cabinet Specification		
1	Cabinet Size (mm)	W640 x H480 x D120
2	Cabinet Resolution (dots)	W128 x H96
3	Module Quantity (pcs)	6
4	Material	Iron
5	Maximum Power (W)	280
6	Cabinet Weight (Kg)	23Kg

Screen Specification		
1	Maximum Power (W/m <sup>2</sup> )	800
2	Reference Average Power (W/m <sup>2</sup> )	320
3	View Angle	H140°/V140°
4	Optimal Viewing Distance (m)	≥5m
5	Frame Frequency (Hz)	50/60
6	Fresh Frequency (Hz)	≥1920
7	Brightness Control	Support automatic adjustment
8	Gray Scale (Bit)	16
9	Operating Voltage	AC220V ± 10% (Optional AC110V)
10	Defect Rate	≤0.00001
11	Life Span	≥100,000 hours
12	Brightness Uniformity	<3%
13	Operating Temperature	-10°C~60°C
14	Operating Humidity	10%~85%
15	Control System	Asynchronous
16	Input Signal (Option)	HDMI

\* The specification is subject to change without prior notice.

## Specifications - Pitch 6

### LED Lamp Parameters (Test Condition : 25°C)

Product Model	Color	IF(mA)	Rd(nm)	Iv(mcd)	Vf(V)	View Angle
		TEST	Typ.	Typ.	Typ.	(deg.)
Top SMD2727 2.8 x 2.7 x 2.45	Red	20	620-625	690	2.1	110
	Green	15	520-525	1450	3.0	110
	Blue	10	465-470	275	3.0	110

### Module Specification

1	Pixel Pitch (mm)	6
2	LED Package	SMD2727
3	Pixel Density (dots/m <sup>2</sup> )	27778
4	Maximum Brightness (cd/m <sup>2</sup> )	≥5000
5	Module Size (mm)	W192 x H192
6	Module Resolution (dots)	W32 x H32
7	Scanning Mode	1/8

### Cabinet Specification

1	Cabinet Size (mm)	W768 x H576 x D120
2	Cabinet Resolution (dots)	W128 x H96
3	Module Quantity (pcs)	12
4	Material	Iron
5	Maximum Power (W)	500
6	Cabinet Weight (Kg)	35Kg

### Screen Specification

1	Maximum Power (W/m <sup>2</sup> )	800
2	Reference Average Power (W/m <sup>2</sup> )	320
3	View Angle	H140°/V140°
4	Optimal Viewing Distance (m)	≥6m
5	Frame Frequency (Hz)	50/60
6	Fresh Frequency (Hz)	≥1920
7	Brightness Control	Support automatic adjustment
8	Gray Scale (Bit)	16
9	Operating Voltage	AC220V ± 10% (Optional AC110V)
10	Defect Rate	≤0.00001
11	Life Span	≥100,000 hours
12	Brightness Uniformity	<3%
13	Operating Temperature	-10°C~60°C
14	Operating Humidity	10%~85%
15	Control System	Asynchronous
16	Input Signal (Option)	HDMI

\* The specification is subject to change without prior notice.