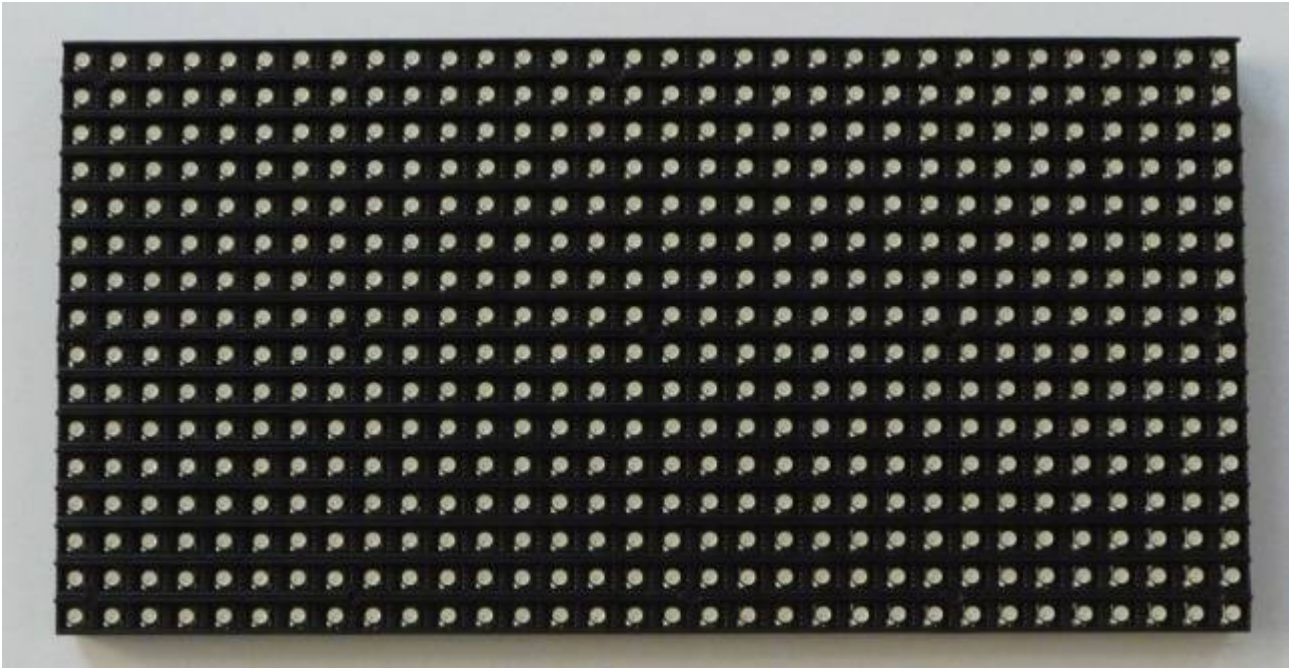


《1》 P6 Full Color LED Screen



The P6 SMD-3528 DISPLAY MODULE

Components

COLOR	CONFIGURATION	CHIP	CHIPSIZE (mil)	IC	WAVE LENGTH(nm)	BRIGHTNESS (mcd)	ViewingAngle H./V.
Red	1	Optotec h	10	ZQ9726 Or MBI502 4	615-620	180mcd	160°/160°
Green	1	SILAN	12		525-530	420mcd	160°/160°
Blue	1	SILAN	12		470-475	100mcd	160°/160°

MODULE Spec.(P6 SMD-3528)

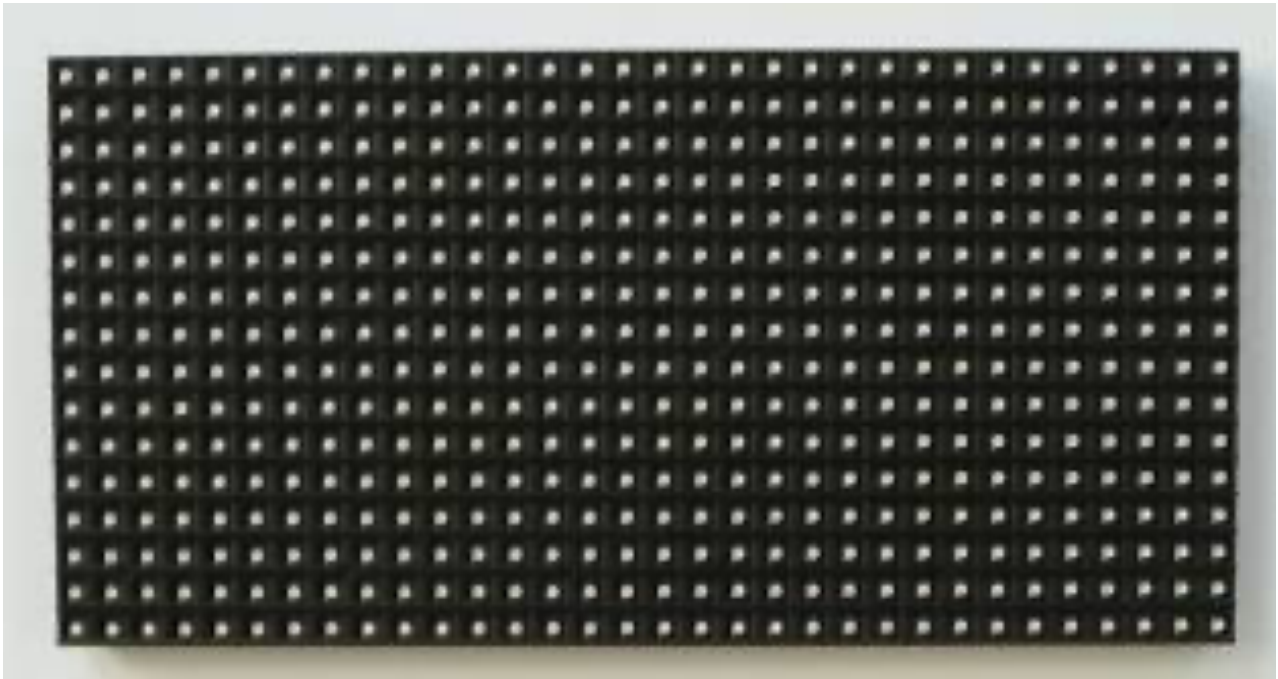
Item(P6 SMD-3528)	Width		Height		Total	
Configuration	32	pixels	16	pixel	512	pixels
Size	192	mm	96	mm	18,432	mm ²

Specification

No	Item	Specification
Pixel		
1	Pixel Pitch	6mm
2	Pixel Composition	1PR+1PG+1PB
Screen		
1	Screen Thickness	150 mm
2	Screen Density	27777 pixels/m ² (Physical)
3	Screen Brightness	>1800 CD/m ² (The White brightest)
4	Brightness Adjusting	Manual/automatic(According to environment lightness)
5	Screen Temperature rising	<40°
6	Max. Power Consumption	1.2KW/m ²
7	Power supply input	220V±10%
8	Power supply output	Constant current, 5V, 40A
System		
1	Viewing-angle Horizontal	160° (±80°)
2	Viewing-angle Vertical	160° (±80°)
3	Recommended Viewing Distance	>5m
4	Gray Scale Level	16,384 levels per color
5	Gray Rectification	2 grades non-linear γ adjustment; Red, green and blue can be adjusted respectively, each color has 8 adjustment curve.
6	Contrast Ratio	4096:01:00
7	Image Adjusting	Contrast gradient/tone/brightness control
8	Image Processing	Image noise reduction/enhancement
9	Drive Type	1/8 scan, constant current
10	Screen Colors	4.4trillion
11	Brightness Uniformity	±2.5% Mix. Brightness/Max. brightness ≤5% (pure color); Pixel difference: ±2.5%
12	Video Frame Rate	>60Hz

13	Screen Refresh Rate	9000Hz
14	Control Mode	Computer control, screen and monitor point-to-point correspondence
15	Screen Interface	Connected with LVDS signal, signal sequence complies with VESA Screen sequence.
16	Software Connection	Windows operating system ; Standard computer network socket, support various system.
17	Screen Mode	32 bit true color, VGA, SXGA, UXGA standard mode and HDTV 1920×1080
18	Continuous Working Time	≥24 hours every day
19	Screen Lifetime	≥100,000 hours
20	Trouble-free Time	≥8,000 hours
21	Fault Ratio	≤1/10,000
22	Screen Smoothness	≤2 mm
23	Protection Capability	Waterproof, damp proof, corrosion protection, mildew resistance, wind-proof, shock resistance, electromagnetic interference resistance, flame retardant.
24	Warning	To ensure system operation stable and secure, the LED screen will alert operator and shut down automatically when serious malfunction encountered
25	Power Supply	Power requirements: 220V/110V,50/60Hz,130Kw

《2》 P7.62 Indoor Full Color LED Screen



The P7.62 SMD-3528 DISPLAY MODULE

Components

COLOR	CONFIGURATION	CHIP	CHIPSIZE (mil)	IC	WAVE LENGTH(nm)	BRIGHTNESS (mcd)	ViewingAngle H./V.
Red	1	Optotec h	10	ZQ9726 or MBI502 4	615-620	180mcd	160°/160°
Green	1	SILAN	12		525-530	420mcd	160°/160°
Blue	1	SILAN	12		470-475	100mcd	160°/160°

MODULE Spec. (P7.62 SMD-3528)

Item(P7.62 SMD-3528)	Width		Height		Total	
Configuration	32	pixels	16	pixel	512	pixels
Size	244	mm	122	mm	29,768	mm ²

Specification

No	Item	Specification
Pixel		
1	Pixel Pitch	7.62mm

2	Pixel Composition	1PR+1PG+1PB
Screen		
1	Screen Thickness	150 mm
2	Screen Density	17222 pixels/m ² (Physical)
3	Screen Brightness	>1500 CD/m ² (The White brightest)
4	Brightness Adjusting	Manual/automatic(According to environment lightness)
5	Screen Temperature rising	<40°
6	Max. Power Consumption	1KW/m ²
7	Power supply input	220V±10%
8	Power supply output	Constant current, 5V, 40A
System		
1	Viewing-angle Horizontal	160° (±80°)
2	Viewing-angle Vertical	160° (±80°)
3	Recommended Viewing Distance	>6m
4	Gray Scale Level	16,384 levels per color
5	Gray Rectification	2 grades non-linear γ adjustment; Red, green and blue can be adjusted respectively, each color has 8 adjustment curve.
6	Contrast Ratio	4096:01:00
7	Image Adjusting	Contrast gradient/tone/brightness control
8	Image Processing	Image noise reduction/enhancement
9	Drive Type	1/8 scan, constant current
10	Screen Colors	4.4trillion
11	Brightness Uniformity	±2.5% Mix. Brightness/Max. brightness ≤5% (pure color); Pixel difference: ±2.5%
12	Video Frame Rate	>60Hz
13	Screen Refresh Rate	9000Hz
14	Control Mode	Computer control, screen and monitor point-to-point correspondence
15	Screen Interface	Connected with LVDS signal, signal sequence complies with VESA Screen sequence.
16	Software Connection	Windows operating system; Standard computer network socket, support various system.

17	Screen Mode	32 bit true color, VGA, SXGA, UXGA standard mode and HDTV 1920×1080
18	Continuous Working Time	≥24 hours every day
19	Screen Lifetime	≥100,000 hours
20	Trouble-free Time	≥8,000 hours
21	Fault Ratio	≤1/10,000
22	Screen Smoothness	≤2 mm
23	Protection Capability	Waterproof, damp proof, corrosion protection, mildew resistance, wind-proof, shock resistance, electromagnetic interference resistance, flame retardant.
24	Warning	To ensure system operation stable and secure, the LED screen will alert operator and shut down automatically when serious malfunction encountered
25	Power Supply	Power requirements: 220V/110V,50/60Hz,130Kw
26	Input Signal	Computer video: DVI, VGA,USB
		Broadcast video: SDI, HDSDI, COMPOSITE-VIDEO, S-VIDEO, YUV (signal satisfy PAL and the NTSC)
		Audio: WAV/MID, CD-ROM, other video sound signal inputs
27	Control Distance	> 50,000m(optical fibers)
28	Operation Temperature Range	-20°C ~ +50°C, 10% ~ 95%RH

《3》 P16 Outdoor Full Color LED Screen



The P16 DIP-546 DISPLAY MODULE

Components

COLOR	CONFIGURATION	CHIP	CHIPSIZE(mil)	IC	WAVE LENGTH(nm)	BRIGHTNESS (mcd)	ViewingAngle H./V.
Red	2	Optotech	9	ZQ9726 Or MBI5024	615-620	800mcd	110°/60°
Green	1	SILAN	12		525-530	1700mcd	110°/60°
Blue	1	SILAN	12		470-475	500mcd	110°/60°

MODULE Spec. (P16 DIP-546)

Item(P16 DIP-546)	Width		Height		Total	
Configuration	16	pixels	8	pixel	128	pixels
Size	256	mm	128	mm	32,768	mm ²

Specification

No	Item	Specification
Pixel		
1	Pixel Pitch	16mm
2	Pixel Composition	2PR+1PG+1PB
Panel		
1	Panel Material	Steel
2	Weight	≤65kg/M2
3	Avg. Power Consumption	1200W/M2
4	Avg. Power Consumption	600W/M2
5	DISPLAY UNIT	256(W)*128(H), 16PIXELS*8PIXELS
Screen		
1	Screen Thickness	180 mm
2	Screen Density	3906 pixels/m ² (Physical)
3	Screen Brightness	>7000 CD/m ² (The White brightest)
4	Brightness Adjusting	Manual/automatic(According to environment lightness)
5	Screen Temperature rising	<40°
6	Power supply input	220V±10%
7	Power supply output	Constant current, 5V, 40A
System		
1	Viewing-angle Horizontal	110° (±55°)
2	Viewing-angle Vertical	60° (±30°)
3	Recommended Viewing Distance	>15m
4	Gray Scale Level	16,384 levels per color
5	Gray Rectification	2 grades non-linear γ adjustment; Red, green and blue can be adjusted respectively, each color has 8 adjustment curve.
6	Contrast Ratio	4096:01:00
7	Image Adjusting	Contrast gradient/tone/brightness control
8	Image Processing	Image noise reduction/enhancement

9	Drive Type	constant current, static
10	Screen Colors	4.4trillion
11	Brightness Uniformity	±2.5% Mix. Brightness/Max. brightness ≤5% (pure color); Pixel difference: ±2.5%
12	Video Frame Rate	>60Hz
13	Screen Refresh Rate	9000Hz
14	Control Mode	Computer control, screen and monitor point-to-point correspondence
15	Screen Interface	Connected with LVDS signal, signal sequence complies with VESA Screen sequence.
16	Software Connection	Windows operating system; Standard computer network socket, support various system.
17	Screen Mode	32 bit true color, VGA, SXGA, UXGA standard mode and HDTV 1920×1080
18	Continuous Working Time	≥24 hours every day
19	Screen Lifetime	≥100,000 hours
20	Trouble-free Time	≥8,000 hours
21	Fault Ratio	≤1/10,000
22	Degree Of Protection	IP65(FACE)
23	Screen Smoothness	≤2 mm
24	Protection Capability	Waterproof, damp proof, corrosion protection, mildew resistance, wind-proof, shock resistance, electromagnetic interference resistance, flame retardant.
25	Warning	To ensure system operation stable and secure, the LED screen will alert operator and shut down automatically when serious malfunction encountered
26	Power Supply	Power requirements: 220V/110V,50/60Hz,130Kw
27	Input Signal	Computer video: DVI, VGA,USB Broadcast video: SDI, HDSDI, COMPOSITE-VIDEO, S-VIDEO, YUV (signal satisfy PAL and the NTSC) Audio: WAV/MID, CD-ROM, other video sound signal inputs
28	Control Distance	> 50,000m(optical fibers)
29	Operation Temperature Range	-20°C ~ +50°C, 10% ~ 95%RH