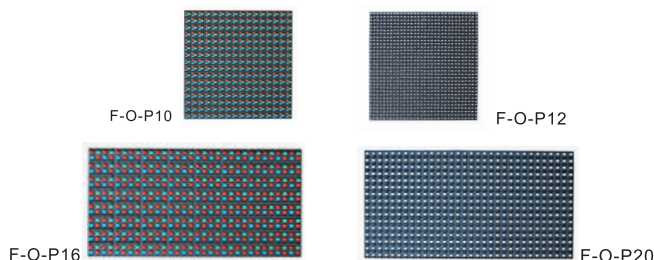


Outdoor LED display

Features & Advantages

- Clear and vivid image and text
- High refresh rate and high color uniformity
- Long lifespan, high reliability & stability
- Fast installation, Easy maintenance
- Extensive applications



Modules

Clear and Vivid Image and Text

Up to 7000, 7500 and 8000nits ultra-High brightness makes the LED display feature anti-sunlight or anti-glare and capable of display the picture and text even under extremely strong sunlight condition. We use high temperature resistant material to cover the surface of the LED module, which can absorb reflective light, reduce glare, improve contrast ratio and eliminate shadow.

High Refresh Rate and High Color Uniformity

To ensure high refresh rate, we adopt high quality chips from top brands in the world to make all our outdoor screens. And, chips for our outdoor LED displays within the same production period are kept at the same grade to guarantee high consistency and color uniformity of all our outdoor displays, for example, the same brightness.

Long Life-span, High Reliability & Stability

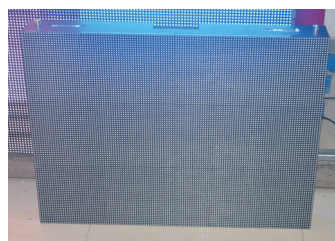
Best chips, state of the art technologies and sophisticated advanced machines are employed to produce our high quality outdoor screens, which ensure our outdoor LED displays highly stable, durable and reliable.

Fast Installation, Easy Maintenance

Advanced cabinet design, arbitrary combination of cabinets of our outdoor screens, brings our clients more convenience when installation. Single LED lamps are repairable and replaceable, easy to maintain.

Extensive Applications

Our outdoor LED signs have a wide range of applications, such as advertisements, billboards, stadiums, commercial streets, square and traffic center, shopping malls, retails shops, banks, restaurants, etc...



Cabinet



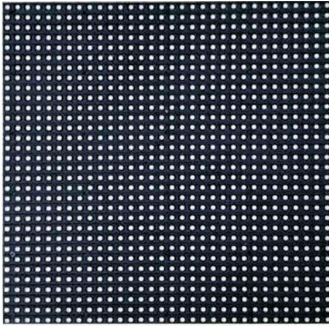
Outdoor LED Display

Quick Read on Spec.

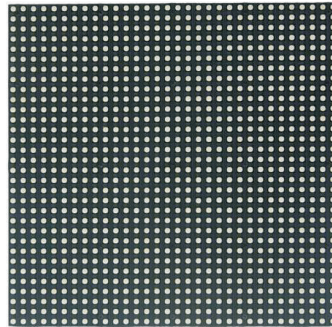
Model	F-O-P4-S	F-O-P5-S	F-O-P6-S	F-O-P8-S
Pixel pitch	4mm	5mm	6mm	8mm
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Size of module	256*128	160*160	192*192	256*128
Resolution of cabinet	192*192	128*128	96*96	128*96
Size of cabinet	768 (L) x 768(H) mm	640(L) x 640(H) mm	576 (L) x 576(H) mm	1024(L) x 768(H) mm
Cabinet material	Aluminum alloy or steel			
Thickness of cabinet	Aluminum alloy:130;steel:120-160			
Weight of cabinet	Al:15kg; steel:55kg		Al:15kg; steel:55kg	Al:15kg; steel:55kg
Brightness	≥4500CD / m ²	≥6000CD / m ²	≥6000CD / m ²	≥6000CD / m ²
Refresh rate	≥1200HZ	≥1200HZ	≥1200HZ	≥1200HZ
Driving mode	1/8 scan & constant current driving			1/4 scan & constant current driving

Model	F-O-P10	F-O-P12	F-O-P16	F-O-P20
Pixel pitch	10mm	12mm	16mm	20mm
Pixel configuration	1R1PG1PB	1R1G1B	2R1PG1PB	2R1G1B
Size of module	160*160	192*192	256*256	320*320
Resolution of cabinet	96*96/64*64	80*80/64*64	64*48	64*48
Size of cabinet	960x 960/640(L)x640(H)mm	960x960/768(L) x 768(H) mm	1024(L) x 768(H) mm	1280 (L) x 960(H) mm
Cabinet material	Al. alloy(640*640) or steel	steel (plate metal)		
Thickness of cabinet	Al:130; steel:180	180mm		
Weight of cabinet	Al:18kg; steel:55kg	55kg	50kg	70kg
Brightness	≥7500CD / m ²	≥7000CD / m ²	≥7500CD / m ²	≥7000CD / m ²
Refresh rate	≥1800HZ	≥1800HZ	≥3000HZ	≥3000HZ
Driving mode	1/4 scan Constant current driving ,static latch		Constant current driving ,static latch	

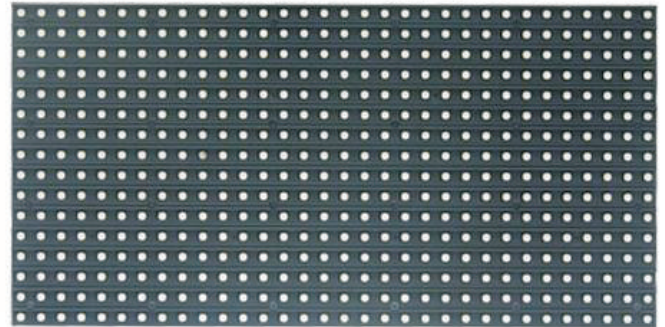
Specifications of Outdoor SMD LED Display



F-O-P5-S



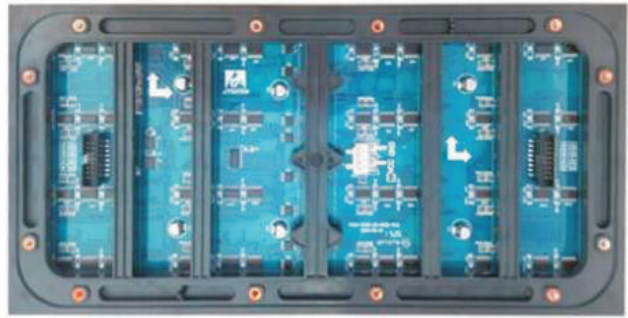
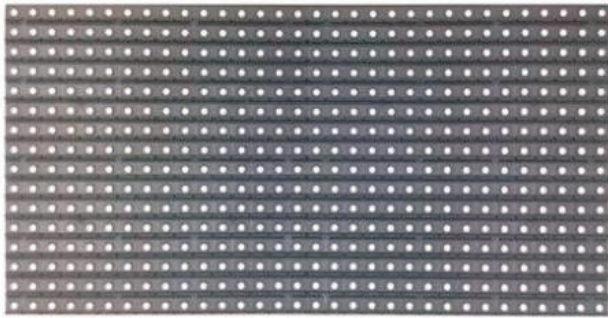
F-O-P6-S



F-O-P8-S

Model	F-O-P4-S	F-O-P5-S	F-O-P6-S	F-O-P8-S
Product name	SMD 3 in 1 Outdoor full color LED display			
LED wave length	R: 620-625nm, G: 520-525nm, B: 465-470nm			
Pixel				
Pixel pitch	4mm	5mm	6mm	8mm
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Encapsulation	SMD2121	SMD2727	SMD3535	SMD3535
Module				
Resolution of module	64*32	32*32	32*32	32*16
Size of module	256*128	160*160	192*192	256*128
Modules/cabinet(L*H)	3x6	4x4	3x3	4x6
Cabinet				
Resolution of cabinet	192*192	128*128	96*96	128*96
Size of standard cabinet	768 (L) x 768(H) mm	640(L) x 640(H) mm	576 (L) x 576(H) mm	1024(L) x 768(H) mm
Cabinet material	Aluminum alloy or steel			
Thickness of cabinet	Aluminum alloy:130;steel:120-160			
Weight of cabinet	Al:15kg; steel:55kg		Al:15kg; steel:55kg	Al:15kg; steel:55kg
Panel				
Pixel density	62,500dots/m ²	40,000 dots/m ²	27,777 dots/m ²	15,625 dots/m ²
Brightness	≥4500CD / m ²	≥6000CD / m ²	≥6000CD / m ²	≥6000CD / m ²
Grey scale	12 bits/4096 levels	12 bits/4096 levels	12 bits/4096 levels	12 bits/4096 levels
Colors	68.7 Billion	68.7 Billion	68.7 Billion	68.7 Billion
View angle	H:150°; V:120°	H:150°; V:120°	H:150°; V:120°	H:150°; V:120°
Optimal view distance	3-50M	5-50M	5-50M	8-75M
Average power consumption/sqm	300 Watts /m2	300 Watts /m2	300 Watts /m2	300 Watts /m2
Max. power consumption	800 Watts /m2	800 Watts /m2	800 Watts /m2	800 Watts /m2
Refresh rate	≥1200HZ	≥1200HZ	≥1200HZ	≥1200HZ
IP rating	IP65 Waterproof & dustproof (front and back)			
Control				
Driving mode	1/8 scan & constant current driving			1/4 scan & constant
Signal Interface	Ethernet (network) interface			
Support input source	RF,RGB,RGBHV, HDTV, SDI, HD-SDI, S-video, composite,DVI,etc			
Control mode	Synchronous display with control PC by DVI			
Control distance	Cat5 Ethernet cable≤120m ; Optical fiber : 1000m			
Operation				
Power supply	110V/220 V AC , 50HZ/60 Hz			
MTBF	≥10,000 hours	≥10,000 hours	≥10,000 hours	≥10,000 hours
Lifespan	75,000 ~100,000 hours			
Out of control rate	<0.0001	<0.0001	<0.0001	<0.0001
Operation temperature	Minus 20℃~60℃	Minus 20℃~60℃	Minus 20℃~60℃	Minus 20℃~60℃
Operation humidity	10%~95%RH	10%~95%RH	10%~95%RH	10%~95%RH
Storage & Application				
Storage temperature	Minus 40℃~85℃	Minus 40℃~85℃	Minus 40℃~85℃	Minus 40℃~85℃
Storage humidity	30%~60%RH	30%~60%RH	30%~60%RH	30%~60%RH

Specifications of Outdoor SMD LED Display



F-O-P10-S4/S2

Model	F-O-P10-S4	F-O-P10-S2
Product name	SMD 3 in 1 Outdoor full color LED display	
LED wave length	R: 620-625nm, G: 520-525nm, B: 465-470nm	
Pixel		
Pixel pitch	10mm	10mm
Pixel configuration	1R1G1B	1R1G1B
LED Encapsulation	SMD3535	SMD3535
Module		
Resolution of module	16*16	32*16
Size of module	160*160	320*160
Modules/cabinet(L*H)	6x6	3x6
Cabinet		
Resolution of cabinet	96*96	96*96
Size of standard cabinet	960 (L) x960(H) mm	960 (L) x960(H) mm
Cabinet material	Aluminum alloy or steel	
Thickness of cabinet	Aluminum alloy:130;steel:120-160	
Weight of cabinet	Al:15kg; steel:55kg	Al:15kg; steel:55kg
Panel		
Pixel density	10,000 dots/m ²	10,000 dots/m ²
Brightness	≥5000CD / m ²	≥7500CD / m ²
Grey scale	12 bits/4096 levels	12 bits/4096 levels
Colors	68.7 Billion	68.7 Billion
View angle	H:150°; V:120°	H:150°; V:120°
Optimal view distance	8-75M	8-75M
Average power	300 Watts /m ²	300 Watts /m ²
Max. power consumption	800 Watts /m ²	850 Watts /m ²
Refresh rate	≥1200HZ	≥1200HZ
IP rating		
Control		
Driving mode	1/4 scan & constant current driving	1/2 scan & constant current driving
Signal Interface	Ethernet (network) interface	
Support input source	RF,RGB,RGBHV, HDTV, SDI, HD-SDI, S-video, composite,DVI,etc	
Control mode	Synchronous display with control PC by DVI	
Control distance	Cat5 Ethernet cable≤120m ; Optical fiber : 10000m	
Operation		
Power supply	110V/220 V AC , 50HZ/60 Hz	
MTBF	≥10,000 hours	≥10,000 hours
Lifespan	75,000 ~100,000 hours	75,000 ~100,000 hours
Out of control rate	<0.0001	<0.0001
Operation temperature	Minus 20C~60C	Minus 20C~60C
Operation humidity	10%~95%RH	10%~95%RH
Storage & Application		
Storage temperature	Minus 40C~85C	Minus 40C~85C
Storage humidity	30%~60%RH	30%~60%RH

Specifications of Outdoor DIP LED Display

Model	F-O-P10	F-O-P12	F-O-P16	F-O-P20
Product name	Outdoor full color LED display			
LED wave length	R: 620-625nm, G: 520-525nm, B: 465-470nm			
Pixel				
Pixel pitch	10mm	12mm	16mm	20mm
Pixel configuration	1R1PG1PB	1R1G1B	2R1PG1PB	2R1G1B
LED Encapsulation	DIP346	DIP346	DIP546	DIP346
Module				
Resolution of module	16*16	16*16	16*16	16*16
Size of module	160*160	192*192	256*256	320*320
Modules/cabinet(L*H)	6x6/4X4	5X5/4x4	4x3	4x3
Cabinet				
Resolution of cabinet	96*96/64*64	80*80/64*64	64*48	64*48
Size of standard cabinet	960x 960/640(L)x640(H)mm	960x960/768(L) x 768(H) mm	1024(L) x 768(H) mm	1280 (L) x 960(H) mm
Cabinet material	Al. alloy(640*640) or steel		steel (plate metal)	
Thickness of cabinet	Al:130; steel:180		180mm	
Weight of cabinet	Al:18kg; steel:55kg	55kg	50kg	70kg
Panel				
Pixel density	10,000 dots/m ²	6,944 dots/m ²	3,906 dots/m ²	2,500dots/m ²
Brightness	≥7500CD / m ²	≥7000CD / m ²	≥7500CD / m ²	≥7000CD / m ²
Grey scale	12 bits/4096 levels	12 bits/4096 levels	12 bits/4096 levels	12 bits/4096 levels
Colors	68.7 Billion	68.7 Billion	68.7 Billion	68.7 Billion
View angle	H:100°; V:45°	H:100°; V:45°	H:100°; V:45°	H:100°; V:45°
Optimal view distance	8-75M	8-100M	15-140M	20-160M
Average power consumption/sqm	300 Watts /m ²	300 Watts /m ²	300 Watts /m ²	300 Watts /m ²
Max. power consumption	850 Watts /m ²	700 Watts /m ²	850 Watts /m ²	700 Watts /m ²
Refresh rate	≥1800HZ	≥1800HZ	≥3000HZ	≥3000HZ
IP rating	IP65 Waterproof &	IP65 Waterproof & dustproof (front and back)		
Control				
Driving mode	1/4 scan Constant current driving ,static latch	1/4 scan Constant current driving ,static latch	Constant current driving ,static latch	
Signal Interface	Ethernet (network) interface			
Support input source	RF,RGB,RGBHV, HDTV, SDI, HD-SDI, S-video, composite,DVI,etc			
Control mode	Synchronous display with control PC by DVI			
Control distance	Cat5 Ethernet cable ≤120m ; Optical fiber : 10000m			
Operation				
Power supply	110V/220 V AC , 50HZ/60 Hz			
MTBF	≥10,000 hours	≥10,000 hours	≥10,000 hours	≥10,000 hours
Lifespan	75,000 ~100,000 hours	75,000 ~100,000 hours	75,000 ~100,000 hours	75,000 ~100,000 hours
Out of control rate	<0.0001	<0.0001	<0.0001	<0.0001
Operation temperature	Minus 20C~60C	Minus 20C~60C	Minus 20C~60C	Minus 20C~60C
Operation humidity	10%~95%RH	10%~95%RH	10%~95%RH	10%~95%RH
Storage & Application				
Storage temperature	Minus 40C~85C	Minus 40C~85C	Minus 40C~85C	Minus 40C~85C
Storage humidity	30%~60%RH	30%~60%RH	30%~60%RH	30%~60%RH
Application	For outdoor use			
	For rental use	For rental use	For stadium perimeter use	
	For stadium use	For stadium use	For stadium video wall use	

Note: See picture of modules, just go to top-right corner of page 1



Outdoor LED Video Wall Display

Fultape®

Email: overseas@fultape.com
 Tel.: +86-755- 2350 0700 2350 0200(direct)
 Skype: fultape01,
 Whatsapp: 0086 139 2377 0161
<http://www.fultape.com>