

R4 Series Indoor rental LED display 576X576

Technical specifications

Model	F-I-P3	F-I-P3	F-I-P4	F-I-P4
Series	R4 Series 576x576mm			
Order model	F-I-P3-16R4	F-I-P3-32R4	F-I-P4-12R4	F-I-P4-16R4
Product name	SMD 3 in1 Indoor full color LED display for rental			
LED wave length	R: 620-625nm, G: 520-525nm, B: 465-470nm			
Pixel				
Pixel pitch	3mm	3mm	4mm	4mm
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Encapsulation	SMD2121	SMD2121	SMD2121	SMD2121
Module				
Resolution of module	64*64	64*64	72*72	48*48
Size of module	192*192	192*192	288*288	192*192
Modules/cabinet(L*H)	3x3	3x3	2x2	3x3
Cabinet				
Resolution of cabinet	192*192	192*192	144*144	144*144
Size of standard cabinet	576(L) x 576(H) mm	576(L) x 576(H) mm	576(L) x 576(H) mm	576(L) x 576(H) mm
Cabinet material	Aluminum alloy			
Thickness of cabinet	Aluminum alloy:6-16cm,			
Weight of cabinet	6.5kg,	6.5kg,	6.5kg,	11kg,
Panel				
Pixel density	111,111 dots/m ²	111,111 dots/m ²	62,500 dots/m ²	62,500 dots/m ²
Brightness	≥1500CD / m ²	≥1500CD / m ²	≥1500CD / m ²	≥1500CD / 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	2-20M	2-20M	2-20M	2-20M
Average power consumption/sqm	300 Watts	300 Watts	300 Watts	300 Watts
Max. power consumption	700 Watts /m2	700 Watts /m2	700 Watts /m2	700 Watts /m2
Refresh rate	≥1200HZ	≥1200HZ	≥1200HZ	≥1200HZ
Control				
Driving mode	1/16 scan & constant current driving	1/32 scan & constant current driving	1/12 scan & constant current driving	1/16 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	≥5,000 hours	≥5,000 hours	≥5,000 hours	≥5,000 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 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
Application	For indoor use , for rental			

Technical specifications

Model	F-I-P4.8	F-I-P6	F-I-P7.62
Series	R4 Series 576x576		A732
Order model	F-I-P4.8-R4	F-I-P6-R4	F-I-P7.62-R4
Product name	SMD 3 in1 Indoor full color LED display for rental		
LED wave length	R: 620-625nm, G: 520-525nm, B: 465-470nm		
Pixel			
Pixel pitch	4.8mm	6mm	6mm
Pixel configuration	1R1G1B	1R1G1B	1R1G1B
LED Encapsulation	SMD2121(bk)/SMD3528(w)	SMD3528(w)	SMD3528(w)
Module			
Resolution of module	60*60	48*48	48*32
Size of module	288*288	288*288	366*244
Modules/cabinet(L*H)	2x2	2x2	2x3
Cabinet			
Resolution of cabinet	120*120	96*96	96*96
Size of standard cabinet	576(L) x 576(H) mm	576(L) x 576(H) mm	732(L) x 732(H) mm
Cabinet material	Aluminum alloy		
Thickness of cabinet	60mm		
Weight of cabinet	11kg,	11kg,	11kg,
Panel			
Pixel density	43,402 dots/m ²	27,777 dots/m ²	17,222 dots/m ²
Brightness	≥1500CD / m ²	≥1500CD / m ²	≥1500CD / m ²
Grey scale	12 bits/4096 levels	12 bits/4096 levels	12 bits/4096 levels
Colors	68.7 Billion	68.7 Billion	68.7 Billion
View angle	H:150°; V:120°	H:150°; V:120°	H:150°; V:120°
Optimal view distance	2-20M	2-20M	2-20M
Average power consumption/sqm	300 Watts	300 Watts	300 Watts
Max. power consumption	700 Watts /m ²	700 Watts /m ²	700 Watts /m ²
Refresh rate	≥1200HZ	≥1200HZ	≥1200HZ
Control			
Driving mode	1/15 scan & constant current driving	1/8 scan & constant current driving	1/8 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			
MTBF	≥5,000 hours	≥5,000 hours	≥5,000 hours
Lifespan	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
Operation temperature	Minus 20℃~60℃	Minus 20℃~60℃	Minus 20℃~60℃
Operation humidity	10%~95%RH	10%~95%RH	10%~95%RH
Storage & Application			
Storage temperature	Minus 40℃~85℃	Minus 40℃~85℃	Minus 40℃~85℃
Storage humidity	30%~60%RH	30%~60%RH	30%~60%RH
Application	For indoor use , for rental		