

## R1 Series Outdoor rental LED display 480X480

Model	F-I-P3	F-I-P3.75	F-I-P4.8	F-I-P5
Series	R1 Series 480x480			
Order model	F-I-P3-R1	F-I-P3.75-R1	F-I-P4.8-R1	F-I-P5-R1
Product name	SMD 3 in1 Indoor full color LED display for rental			
LED wave length	R: 620-625nm, G: 520-525nm, B: 465-470nm			
<b>Pixel</b>				
Pixel pitch	3mm	3.75mm	4.8mm	5mm
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Encapsulation	SMD2121(bk)	SMD2121(bk)	SMD3528(w)	SMD3528(w)
<b>Module</b>				
Resolution of module	80*80	64*64	50*50	48*48
Size of module	240*240	240*240	240*240	240*240
Modules/cabinet(L*H)	2x2	2x2	2x2	2x2
<b>Cabinet</b>				
Resolution of cabine	160*160	128*128	100*100	96*96
Size of standard cabinet	480(L) x 480(H) mm	480(L) x 480(H) mm	480(L) x 480(H) mm	480(L) x 480(H) mm
Cabinet material	Aluminum alloy			
Thickness of cabinet	60mm			
Weight of cabinet	6.0kg,	6.0kg,	6.0kg,	6.0kg,
<b>Panel</b>				
Pixel density	111,111 dots/m <sup>2</sup>	711,111dots/m <sup>2</sup>	43,402dots/m <sup>2</sup>	40,000 dots/m <sup>2</sup>
Brightness	≥1500CD / m <sup>2</sup>	≥1500CD / m <sup>2</sup>	≥1500CD / m <sup>2</sup>	≥1500CD / m <sup>2</sup>
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
<b>Control</b>				
Driving mode	1/16 scan & constant current driving	1/16 scan & constant current driving	1/10 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			
<b>Operation</b>				
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 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
<b>Storage &amp; Application</b>				
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 indoor use , for rental			