

RH3 Series Outdoor rental LED display 500X1000

Model	F-O-P4.81	F-O-P5.95	F-O-P6.25	F-O-P8.928
Series	RH3			
Order model	F-O-P4.81-RH3	F-O-P5.95-RH3	F-O-P6.25-RH3	F-O-P8.928-RH3
Product name	SMD 3in1 Outdoor full color LED display for rental			
LED wave length	R: 620-625nm, G: 520-525nm, B: 465-470nm			
Pixel				
Pixel pitch	4.81mm	5.95mm	6.25mm	8.928mm
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Encapsulation	SMD2727(bk)	SMD3535(bk)	SMD3535(bk)	SMD3535(bk)
Module				
Resolution of module	52*52	42*42	40*40	28*28
Size of module	250*250	250*250	250*250	250*250
Modules/cabinet(L*H)	2x2	2x4	2x4	2x4
Cabinet				
Resolution of cabinet	104*104	84*168	80*160	56*112
Size of cabinet	500(L) x 500(H) mm	500(L) x 1000(H) mm	500(L) x 1000(H) mm	500(L) x 1000(H) mm
Cabinet material	Aluminum alloy			
Thickness of cabinet	45~75mm, the thinnest:45mm, the thickness:75mm			
Weight of cabinet	7.8kg	13.6kg	13.6kg	13.6kg
Panel				
Pixel density	43,264dots/m ²	28,224 dots/m ²	25,600dots/m ²	12,546dots/m ²
Brightness	≥4500CD / m ²	≥4500CD / m ²	≥4500CD / m ²	≥4500CD / 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	800 Watts /m ²	800 Watts /m ²	800 Watts /m ²	800 Watts /m ²
Refresh rate	≥1200HZ	≥1200HZ	≥1200HZ	≥1200HZ
IP rating	IP65 (front)/IP54(rear),waterproof & dustproof ,			
Control				
Driving mode	1/13 scan & constant current driving	1/7 scan & constant current driving	1/10 scan & constant current driving	1/7 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 : 10,000m			
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 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			

RH6 Series Outdoor rental LED display 640X640

Model	F-O-P6.67	F-O-P8	F-O-P10	F-O-P10
Series	RH6			
Order model	F-O-P6.67-RH6	F-O-P8-RH6	F-O-P10-RH6	F-O-P10-RH6
Product name	SMD 3 in 1 Outdoor full color LED display			DIP Outdoor full color LED display
LED wave length	R: 620-625nm, G: 520-525nm, B: 465-470nm			
Pixel				
Pixel pitch	6.67mm	8mm	10mm	10mm
Pixel configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Encapsulation	SMD3535	SMD3535	SMD3535	DIP346
Module				
Resolution of module	48*24	40*20	32*16	32*16
Size of module	320*160	320*160	320*160	320*160
Modules/cabinet(L*H)	2x4	2x4	2x4	2x4
Cabinet				
Resolution of cabinet	96*96	80*80	64*64	64*64
Size of standard cabinet	640 (L) x 640(H) mm	640 (L) x 640(H) mm	640 (L) x 640(H) mm	640 (L) x 640(H) mm
Cabinet material	Aluminum alloy			
Thickness of cabinet	60~160mm			
Weight of cabinet	15kg;	15kg;	15kg;	15kg;
Panel				
Pixel density	22,478 dots/m ²	15,625 dots/m ²	10,000 dots/m ²	10,000 dots/m ²
Brightness	≥4500CD / m ²	≥4500CD / m ²	≥4500CD / m ²	≥7500CD / 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 /m ²	300 Watts /m ²	300 Watts /m ²	250 Watts /m ²
Max. power consumption	1000 Watts /m ²	700 Watts /m ²	700 Watts /m ²	500 Watts /m ²
Refresh rate	≥1200HZ	≥1200HZ	≥1200HZ	≥1200HZ
IP rating	IP65 (front)/IP54(rear),waterproof & dustproof ,			
Control				
Driving mode	1/8 scan & constant current driving	1/4 scan & constant current driving	1/4 scan & constant current driving	1/4 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	≥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			