alhua TECHNOLOGY

DH-PHROA6.9
Outdoor Rental LED

Features：

· One single person can handle all the works from assembly to disassembly to maintenance.

· Magnetic panel design enables single person assembly and disassembly.

· Rear-accessible module design is ideal for fast replacement in rental & staging environment.

· Modular designed power supply and receiving card support quick maintenance.

· Climbable panel structure is designed for maintenance when hanging installation.

· Panel supports both concave and convex curve installations.

No Seam	Easy Installation	100000h	No Fan	High Refresh Rate	High Brightness	R G B Rich Colour

Technical Specification

Model

Model	DH-PHROA6.9

Parameters

Pixel Pitch 4.8 mm	6.9mm	
Pixel configuration	1R1G1B	
LED Type	3-in-1 Black SMD2727	3-in-1 SMD2727
Brightness	5000 cd/m²	5500 cd/m²
Color Temperature	2000K~9300K (adjustable)	
Viewing Angle	H140°, V120°	
Pixel Density	20,739 pixels/m²	
Recommended Viewing Distance	≥6.9M	
Module Size	250mm×250mm	
Cabinet Size	W500m×H500mm×D90.6mm	
Cabinet Weight	9.2 kg	
Cabinet Area	0.25 m²	
Material	Die-casting Aluminum	
Lifespan	100000 h	

Ingress Protection	IP65/IP65	
Operating Temperature/ Humidity	-20℃~+50℃/10~90%RH	
Storage Temperature/ Humidity	-30℃~+60℃/10~95%RH	
Pixels per Cabinet	72×72 pixels	
Processing Depth	16 bits	
Gray Scale	65,536 levels per color	
Color	281.4 trillion	
Service method	Rear	
Curve optional	(Outer) -3°~+10° (Inner)	
Calibration	Support luminance/chroma	
Brightness control	Manual/Automatic	
Contrast ratio	5000:1	3000:1
Video frame rate	50/60 Hz	
Rate Refresh	≥3840 Hz	
Input voltage	100-240V AC	
Input power frequency	50~60 Hz	

Input power (max)	920 W/m²	840 W/m²
Input power (typical)	304 W/m²	280 W/m²
LED Wavelength	R:620~630nm G:520~535nm B:465~475nm	
Driving Method	1/4 Scan, Constant Current	
Input signal	DVI/HDMI/VGA/SDI/DP/AV/S-Video	
Rigging form	Hanging(Max.20tiles)/Stacking(Max.20tiles)	
Data interconnection	CAT5 Cable (L≤100m); multi-mode fiber (L≤300m); single mode fiber (L≤15km)	