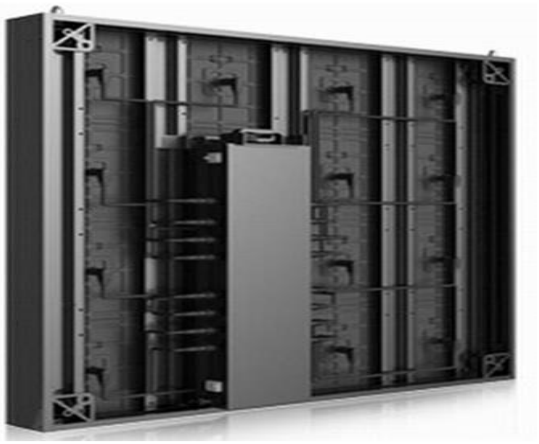
PRO ACOUSTIC SOLUTIONS

OUTDOOR SERIES

As outdoor LED displays are exposed to the most severe weather conditions, it's important that their image quality stays constant over time. At Pro-Acoustic we believe that IP rating is just one of the building blocks in determining whether a LED display is suitable for outdoor use or not.



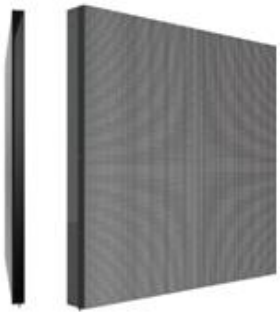
FEATURES

Clear picture quality for improved viewing on and off the field

Pro-Acoustic delivers brightness levels up to 6,000nits and an ultra-wide viewing angle to give spectators, in the stadium or at home, a clear and visible picture in any weather condition, day and night. The high 3840Hz refresh rate prevents distortion and waves, ideal for live broadcast cameras

PRO ACOUSTIC SOLUTIONS

Smart Aluminum Profile Design



Ultra Light and thin, Only with 28 Kg/sqm and 90 mm thickness,

saving transportation and labor cost.

Soft design with player safety in mind

Pro-Acoustic Series is designed to protect players from the impact of collision against the perimeter with a soft rubber top-cushion, while the rubber louver lining braces the LED diodes to withstand accidental contact by a player or a stray ball to ensure durable and continuous performance.

Weather-resistant displays for durability on the field

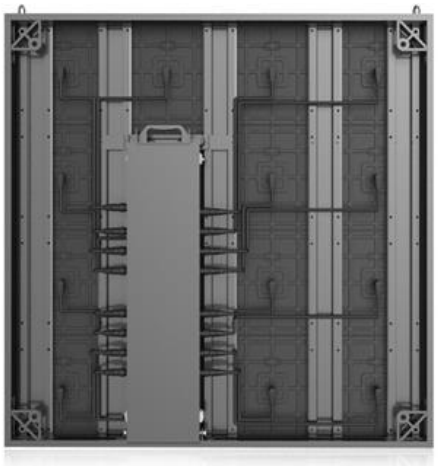
Pro-Acoustic Series is IP65/65 validated as dust-and water-proof, making it a durable outdoor display. Its in, and outdoor cable handles data signal and power, premium outdoor LED diodes and UV-resistant paint to help it perform impeccably in all conditions.

Ultra Low Power Consumption for Energy Saving

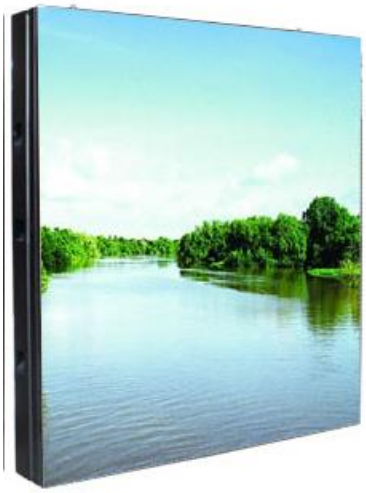
Pro-Acoustic Series Provides 8000nits Brightness, only with Max 180 w, Average 80 W/Sqm, Which is saving more than 2/3 times cost for the electricity

PRO ACOUSTIC SOLUTIONS

Stable & Reliable Design with Real Time Working Status Feedback



Pro-Acoustic Series uses Adopting High Quality Material with advance technology design provides Lower Temperature and consumption working status. Less Cabling Connection. Pro-Acoustic Series is designed for Real Time Monitoring and feedback System. It easily acquire working status for each module and power supply and in case of any failure it will be warned immediately.



Intelligent Color and Brightness Calibration

In Pro-Acoustic Series the CPU on each module records color and brightness calibration data with working time, the data will be synchronized with any replaced module to keep exactly same color and brightness for different batch module

KEY BENEFITS

- Excellent image quality, wide viewing angles
- Lowest weight in its class
- Minimum installation costs
- No precision supporting steel required
- Ultimate reliability
- Easy front AND back access
- Advanced web-based setup, monitoring and control

PRO ACOUSTIC SOLUTIONS

TECHNICAL SPECIFICATION

Specs Outdoor Series					
Module	PA10	PA20	PA30	PA31	PA40
Pixel Pitch	6.4 mm	8 mm	10.66 mm	10.66 mm	16 mm
Brightness	≤5000 nits	≤5500 nits	≤5500 nits	≤6500 nits	≤7000 nits
Refresh Rate	≥1920 Hz	≥1920 Hz	≥1920 Hz	≥1920 Hz	≥1920 Hz
Driving Method	1/5 scan	1/4 scan	1/2 scan	1/4 scan	Static
Grey level	65536	65536	65536	65536	65536
Color Display	281 trillion	281 trillion	281 trillion	281 trillion	281 trillion
LED Type	SMD2727	SMD3535	SMD3535	DIP346	DIP346
IP Grade	IP65/IP54	IP65/IP54	IP65/IP54	IP67/IP65	IP67/IP65
Power consumption(Max/Average)	430/172 W/sq.m	460/184 W/sq.m	450/180 W/sq.m	420/180 W/sq.m	370/148 W/sq.m
Cabinet					
Module Size (mm)	256×256×22 mm				
Cabinet Size(mm)	1024×1024×90 mm				
Cabinet Material	Aluminium Profile				
Cabinet weight(kg)	30 kg	30 kg	30 kg	30 kg	30 kg
Cabinet resolution	160×160 Pixels	128×128 Pixels	96×96 Pixels	96×96 Pixels	64×64 Pixels
Pixel density	24414 Pixels/sq.m	15625 Pixels/sq.m	8789 Pixels/sq.m	8789 Pixels/sq.m	3096 Pixels/sq.m
Application environment					
Input AC power voltage	100V-240V				
Working temperature	-20℃~50℃				
Working humidity	10%-95%RH				
Signal type(with video processor)	AV, S-Video, VGA, DVI, HDMI, SDI, DP				
Control distance	HSYV: <100m; SMF: <10km				

Note: All specifications are subject to change due to continuous improvements