

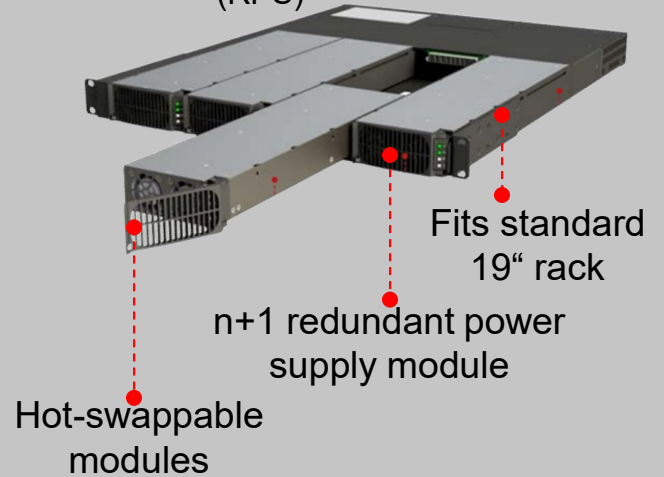


Pyrotech PRM Series

Ultra-Thin Fine Pitch LED Video Walls



Offer board N+1 Redundant Power Supply (RPS)



Key Features

- Ultra-thin cabinet design for smallest footprint video walls
- Hot-Swappable Redundant Power Supply
- Full front-side installation and maintenance
- Low Power Consumption
- Smooth curved installation possible

Ultra-thin and optimised for mission critical application

Pyrotech PRM series is a new series of fine pitch Direct View LED Video Wall System optimised for mission critical applications, where continuous, stable and reliable operations are required as well as an uncompromised image quality compromise with the PRM series HDR and 4K standards. Pyrotech PRM series cabinet design is ultra-thin and has a narrow width making it ideal for both flat and curved installations in Control Rooms, Broadcast and Corporate environments



High Dynamic Range (HDR) Support



Ultra-thin



Front Maintenance



Made in India



Low Power Consumption



Remote Power Supply



Intelligent Module



Curved Installation



"Cableless" Connection



6-axis Alignment



Fanless Design

APPLICATION



▲ Control Rooms



▲ Conference Halls



▲ Exhibitions

TECHNICAL SPECIFICATION

Product Name	PRM 012	PRM 015	PRM 018	PRM 025
Pixel Configuration	SMD	SMD	SMD	SMD
Pitch (mm)	1.26	1.575	1.89	2.5
Module Resolution (WxH)	240x135	192x108	160x90	160x90
Module Size (mm) (WxH)	302.4x170.1	302.4x170.1	302.4x170.1	302.4x170.1
Module Weight (Kg)	0.65	0.65	0.65	0.65
Module Composition (WxH)	1x4	1x4	1x4	1x4
Panel Resolution	240x540	192x432	160x360	120x270
Panel Dimension (WxHxD, mm)	302.4 x 680.4 x 29.5	302.4 x 680.4 x 29.5	302.4 x 680.4 x 29.5	302.4 x 680.4 x 29.5
Unit Area (m ²)	0.2058	0.2058	0.2058	0.2058
Panel Weight (kg/m ²)	27	27	27	27
Pixel Density (pixel/m ²)	629882	403124	279947	279947
Surface Flatness (mm)	≤0.5	≤0.5	≤0.5	≤0.5
Brightness Calibration	Yes	Yes	Yes	Yes
Colour Calibration	Yes	Yes	Yes	Yes
Brightness (nits)	600-800	600-800	600-800	600-800
Colour Temperature	3000-10000 K (adjustable)	3000-10000 K (adjustable)	3000-10000 K (adjustable)	3000-10000 K (adjustable)
Horizontal Viewing Angle	160°	160°	160°	160°
Vertical Viewing Angle	140°	140°	140°	140°
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%
Contrast Ratio	7000:1	7000:1	7000:1	7000:1
Max. Power Consumption per Cabinet	130 W	130 W	130 W	130 W
Avg. Power Consumption per Cabinet	43 W	43 W	43 W	43 W
Max. Power Consumption per m ²	632 W	632 W	632 W	632 W
Avg. Power Consumption per m ²	209 W	209 W	209 W	209 W
Power Supply	Remote Power Supply (RPS): n+1 redundant, hot swap power modules, available with 110V and 220V power			
Frame Rate	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Refresh Rate	3000/3840 Hz	3000/3840 Hz	3000/3840 Hz	3000/3840 Hz
Lifetime	100,000 hrs	100,000 hrs	100,000 hrs	100,000 hrs
Operating temperature	-10 - 40 °C			
Operating Humidity (RH)	10 - 80% no condensing			