

Parameters

Technical Parameter

Item	A99-6 V2	A99-10 V2	Unit
Pixel Pitch	6.25	10	mm
Brightness	7000	7000	nit
Refresh Rate	≥7680	≥15000	Hz
Grayscale Level	16	16	bit
Power Consumption (Max./Avg.)	400/133		W/m²
Viewing Angle (H/V)	160/125	160/130	°

Panel Parameter

Item	A99-6 V2	A99-10 V2	Unit
Panel Dimensions	1600x900x129		mm
Module Dimensions	400x300		mm
Panel Weight	50		kg
Panel Material	Die-Cast Aluminum		--
IP Rating	IP65/IP65		--
Operating Temperature	- 20~+50		°C
Certifications	TUV CE/FCC/ETL/CCC		--



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Absen



A99 Series Next-Gen
Stadium Perimeter Display

Applicable Market

Worldwide Sports Markets



Features




Broadcast-Grade
Visuals


High Brightness &
Energy Saving


Stability & Durability


Easy Installation &
Maintenance

Broadcast-Grade Visuals

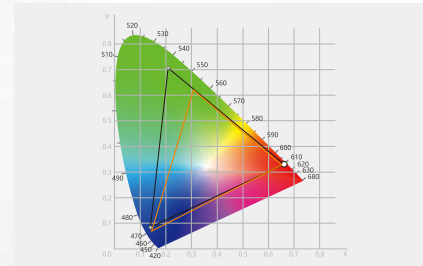
Aligned with Photographic & Broadcast Video Standards

7000nit+
High Brightness



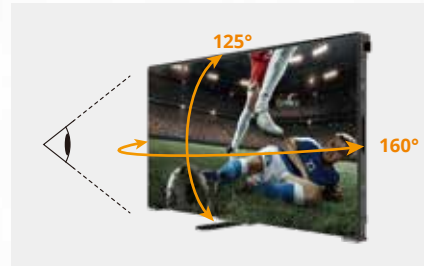
Fearless of strong light

110%NTSC
Wide Color Gamut



Delivers highly accurate

160°/125°
Wide Viewing Angle



flawless for multi-camera shoots

7680Hz+
High Refresh



No ghost shadows

6200:1+
High Contrast



No moire effect

16bit+
High Grayscale



No scanning lines

High Brightness & Energy Saving

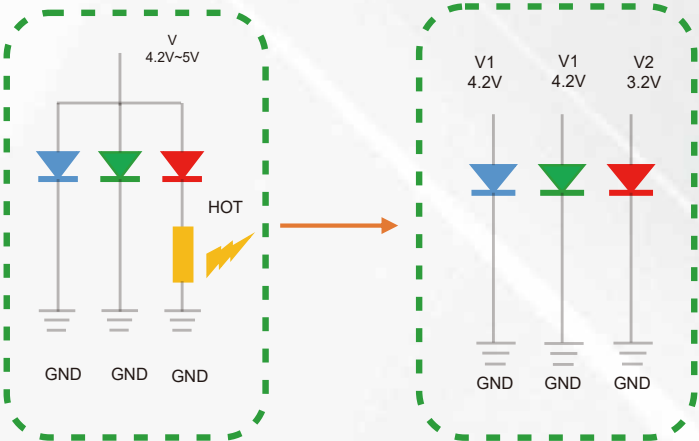
- **7000 nits Ultra-High Brightness:** Ideal for high-ambient-light environments, ensuring clear and vibrant visuals.
- **Dual-Voltage Energy-Saving Design:** Maximum power consumption $\leq 400W/m^2$, saving over 40% on energy.
- **Extended Lifespan:** Low-power operation reduces heat generation, enabling longer and more stable performance.

$\leq 400W/m^2$
Max Power

7000nit+
High-visibility in
brilliant light

>40%
Energy Saving

Longer
Lifespan



Dual-Voltage



01 >>

Stability & Durability

Engineered to UEFA & FIFA Standards



Specification



Mechanical



Transportation



Processing and Control



Power Supply



Safety

02 >>

Stability & Durability

Comprehensive Impact Protection

- **Prevents Cabinet Damage:** Die-cast aluminum structure with concealed cabling resists deformation upon impact.
- **Prevents Player Injury:** Top rubber bumper and soft mask absorb impact for safety.
- **Prevents LED Detachment:** Reinforced base guard and elevated mask prevent knock-offs from impacts.
- **Prevents Structural Failure:** LED encapsulation boosts impact resistance by over 100%.

Top Cable Tray

Soft Front Mask

LED Glue Dispensing

Die-Cast Aluminum Cabinet

Impact Guard Bar

Soft Anti-Impact Bumper



03 >>

Stability & Durability Comprehensive Waterproofing

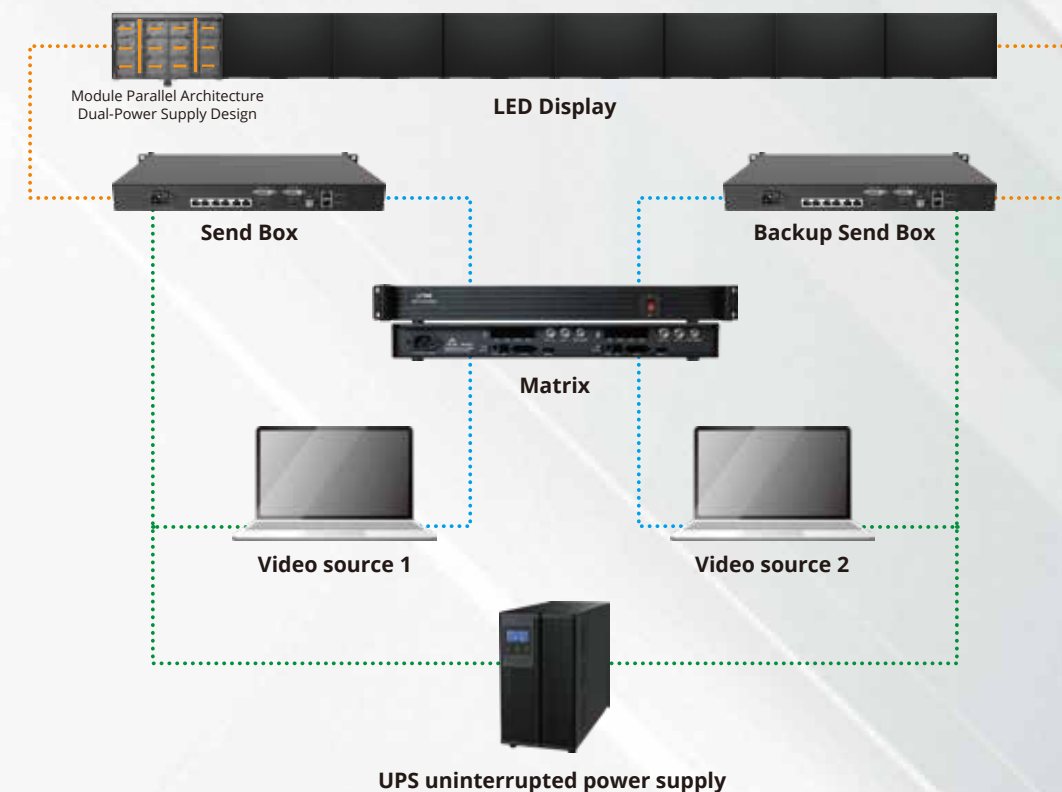
- **Prevents Rain Ingress:** IP65 sealed design ensures continuous operation in heavy rain.
- **Prevents Module Flooding:** Independently sealed modules can be replaced even in the rain.
- **Protects Power from Moisture:** Fully sealed power box prevents moisture corrosion.
- **Prevents Condensation:** Stainless steel breather valve balances pressure to prevent condensation.



04 >>

Stability & Durability Dual Backups

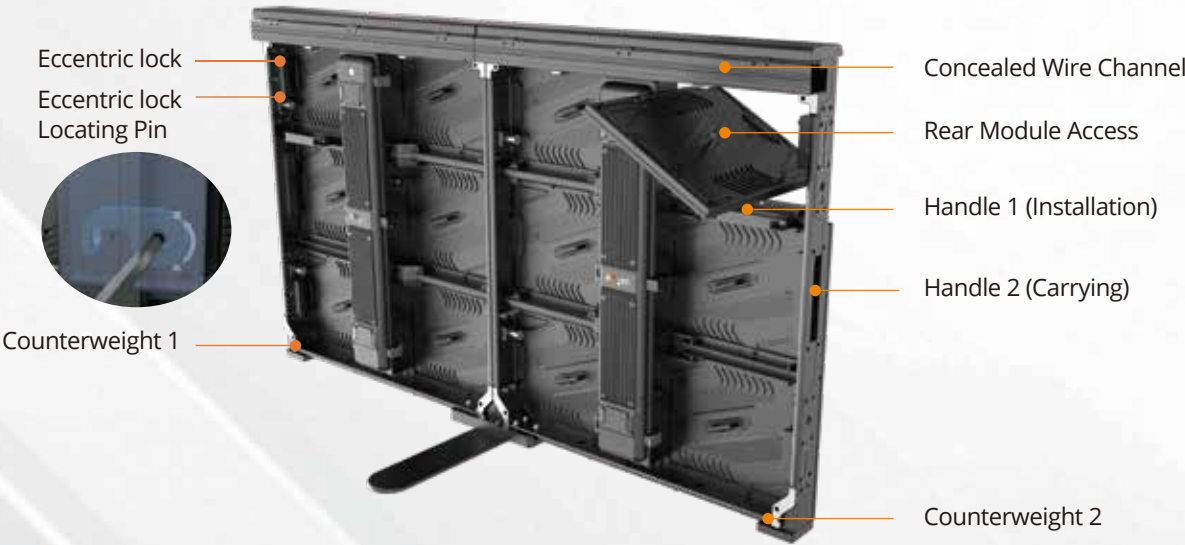
- **Module Parallel Architecture:** Automatically isolates single faulty module.
- **Dual-Power Redundancy Design:** Seamless switchover between primary and backup power supplies.
- **Triple Signal Redundancy:** Dual computers + dual sending cards + dual network cables for comprehensive signal stability.



*Optional Dual-Power Backup

Easy Installation & Maintenance

- **Efficient & Fast:** Front/rear access for quick on-site service.
- **Easy Maintenance:** Individual cabinet service doesn't affect the full screen. Top hidden cabling allows plug-and-play without bending over.
- **Quick Setup:** Dual handles, locating pins & eccentric lock for rapid assembly.
- **Stable:** Integrated stabilizing feet prevent cabinet sway.



One-stop Accessory Solutions



Transport Rack



Emergency Gate



Sports Software



Flight Case for Accessories



Optical Fiber Box



Video Matrix