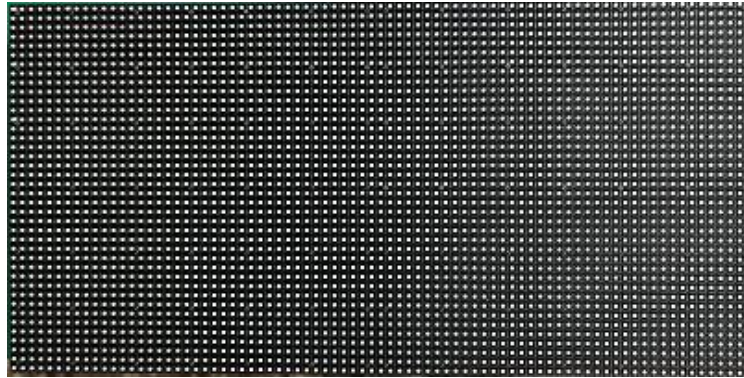




XAO Series Outdoor Full-Color LED Display

VT-XAO4.4S/VT-XAO5S/VT-XAO6.6S

VT-XAO8S/VT-XAO10S

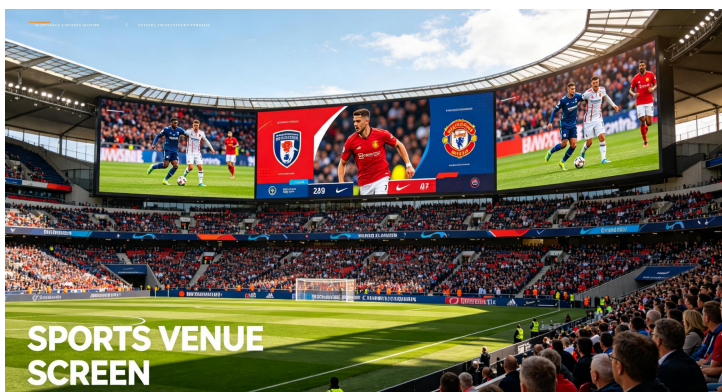


Product Overview

XAO Series are outdoor LED display cabinets built with high-density extruded aluminum profiles and full-aluminum module housings, featuring outstanding flatness and passive heat dissipation without air conditioning cooling. Supporting 7680Hz high refresh rate, the series reaches up to 10,000 cd/m² brightness, 14-bit grayscale and maximum 32:1 physical contrast ratio to deliver vivid visuals under direct sunlight. It adopts hexagonal SMD LED beads for roughly 30% energy saving. Boasting front & rear maintainability, IP68 front protection, hot-swappable modules and dual signal backup, the screen ensures stable all-weather operation with low light decay. Available in multiple pixel pitches, it fits commercial advertising, traffic guidance, stadiums, performances and large outdoor events.

Suitable for applications including:

- ✓ Commercial Advertising Screens
- ✓ Urban Commercial Plazas
- ✓ Traffic Guidance Displays
- ✓ Urban Landscape Signage
- ✓ Sports Stadiums & Venues
- ✓ Cultural Performance Stages
- ✓ Large-Scale Outdoor Events
- ✓ Public Transport Hubs
- ✓ Tourist Attraction Exhibition Areas
- ✓ City Outdoor Information Terminals





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Key Features

1. High-density aluminum cabinet with excellent flatness and passive heat dissipation
2. No air conditioner required for heat dissipation, saving installation cost
3. Ultra-high brightness up to 10000cd/m², clear display under direct sunlight
4. Max 32:1 physical contrast ratio & 14-bit grayscale for vivid color layering
5. 7680Hz ultra-high refresh rate, flicker-free viewing experience
6. IP68 front / IP66 rear waterproof & dustproof rating for all-weather outdoor use
7. Low light decay design ensures long-term stable display performance
8. Hexagonal LED beads, 30% lower power consumption than traditional screens
9. Front and rear dual maintenance design for easy repair and upkeep
10. Hot-swappable modules and dual signal backup for high stability
11. Ultra-light & ultra-thin cabinet structure, convenient for installation
12. Uniform temperature rise, effectively slow down LED aging
13. Wide viewing angle brings consistent visual effect in all directions
14. Long service life up to 100,000 hours
15. Multiple pixel pitch options to meet diverse outdoor scenarios

Technical specifications

Model	VT-XAO4.4S	VT-XAO5S	VT-XAO6.6S	VT-XAO8S	VT-XAO10S
Pixel Pitch (mm)	4.44	5	6.67	8	10
Module Resolution (W*H)	108*72	96*64	72*48	60*40	48*32
Module Size (W*H)	480mm * 320mm				
Maintenance	Front / Rear Accessible				
Protection Level	Front IP68 / Rear IP66				
Cabinet Flatness (mm)	≤0.4				
Color Temperature	2000K~15000K Adjustable				
Viewing Angle	H: ≥160°, V: ≥140°				
Refresh Rate (Hz)	7680				
Frame Rate (Hz)	50/60				
Physical Contrast (Black/White)	8:01	11:01	14:01	20:01	32:01:00
Contrast Ratio	≥30000:1				
Avg Power Consumption (W/m ²)	≤165				
Power Supply	AC100~240V				
Operating Temp Range	-20℃ ~ +60℃				