

Product Feature Comparison

Model	AURORA-02	AURORA-05	AURORA-09	AURORA-15
Max number of input cards	4	10	15	30
Max number of inputs	16	40	60	120
Max number of output cards	2	3	5	10
Max number of video outputs	8	12	20	40
Max LED load capacity (Ethernet)	26 million pixels (40 Ethernet ports)	39 million pixels (60 Ethernet ports)	65 million pixels (100 Ethernet ports)	130 million pixels (200 Ethernet ports)
Max LED load capacity (Optical)	41.60 million pixels (64 Ethernet ports)	62.40 million pixels (96 Ethernet ports)	104 million pixels (160 Ethernet ports)	208 million pixels (320 Ethernet ports)
Max LCD load capacity (Ethernet)	8 (2K×1K)	12 (2K×1K)	20 (2K×1K)	40 (2K×1K)
Number of layers	12 layers per output card	12 layers per output card	12 layers per output card	12 layers per output card
Input/Screen monitoring	✓	✓	✓	✓
HDR, 3D	✓	✓	✓	✓
Power supply backup	×	✓	✓	✓
Selectable output cards	AURORA-4D-IC AURORA-4H-IC AURORA-UHP-IC AURORA-2DUHP-IC AURORA-2IP-IC AURORA-4S-IC AURORA-2R2W-IC AURORA-4R-IC AURORA-HP-IC AURORA-XP-IC AURORA-XS-IC AURORA-2XH-IC AURORA-XH-IC AURORA-2AM-IC AURORA-ZK-IC		4×DVI 2×HDMI 1.3 + 2×HDMI 1.4 1×HDMI 2.0 + 1×DP 1.2 2×HDMI 2.0 + 2×DP 1.2 2×RJ45 Ethernet ports 4×3G SDI 2×CVBS + 2×VGA 4×VGA 2×DP 1.1 1×DP 1.2 1×12G SDI IN, 1×12G SDI LOOP 2×HDMI 2.0 1×HDMI 2.0 2×Audio inputs + 2×Audio outputs 2×COM, 1×ETHERNET, 3×I/O, 3×RELAY OUT, 3×IR OUT	
Selectable input cards	AURORA-4D-OC AURORA-4H-OC AURORA-XH-OC AURORA-16L-OC AURORA-20L-OC AURORA-4F-OC AURORA-4LCD-OC AURORA-PV		4×DVI 4×HDMI 1.4 2×HDMI 2.0 16×RJ45 Ethernet ports + 2×OPT ports 20×RJ45 Ethernet ports 4×OPT ports 4×RJ45 Ethernet ports 2×RJ45 Ethernet ports + 1×HDMI 1.3	

PLANAR®



AURORA Series
Next-Generation
Video Wall Splicers

AURORA Series

The AURORA series is a new generation of video wall splicers designed for fine-pitch display applications. Featuring a purely hardware-based modular plug-in structure, it boasts powerful signal processing capabilities. Seamlessly integrating splicing and control, it significantly simplifies system architecture. With true 4K processing for superior image quality, it delivers stunning visual effects on both fine-pitch LED and LCD screens.

Traditional Solution (Complex)



PLANAR Solution (Streamlined)



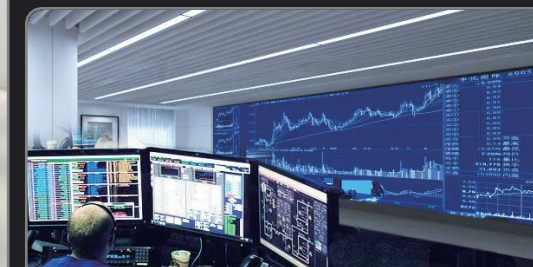
Applications



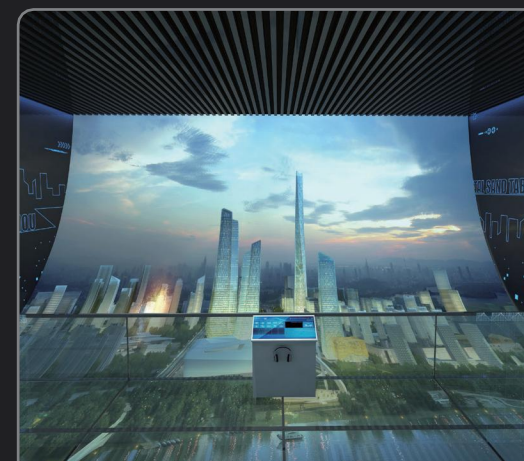
Enterprise Management



Educational and Scientific Research



Energy and Power



Exhibitions and Presentations



Health Care



Judiciary and Prisons



Banking and Finance



Traffic Guidance

Splicing+Control, Beyond Simplicity

Building on a modular plug-in design, the AURORA series seamlessly integrates splicing processing and display control. This simplifies the system interconnect architecture for clients and significantly enhances system compatibility. It delivers streamlined, high-quality display control for LED, LCD, and projector displays.



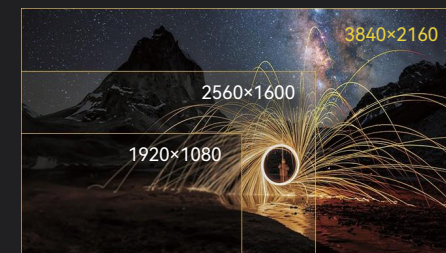
Truly Dynamic, Awakening a New Sensory Experience

Arrange numerous layers freely with up to 12 layers per card (maximum 12 layers per connector). Enjoy seamless layer roaming across connectors without altering layer specifications. Freely create and overlap layers, achieve infinite layer scaling, and utilize layer-related features like cropping, configuration, and flipping, all contributing to a rich and dynamic visual experience.



End-to-End True 4K, Smooth Processing

To meet clients' display needs, the AURORA series offers true 4K (4K×2K@60Hz, RGB 4:4:4) signal input, processing, and output. It supports ultra-HD true 4K cards such as DP 1.2 and HDMI 2.0 to deliver images with ultra-high resolution. Input and output signals are processed smoothly at 60 frames per second, ensuring no lag or frame loss, and preserving complete image details. With RGB 4:4:4 and zero grayscale loss, it dramatically enhances color performance, making images more refined and delicate.



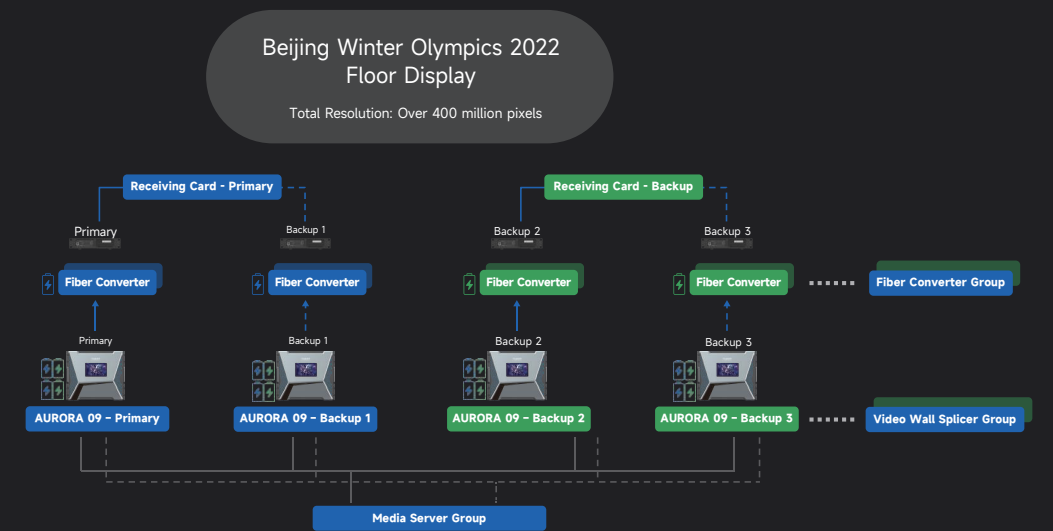
Intelligent Banners, High-Definition BKG

Support large-screen banners and scrolling text displays, allowing for flexible page layout settings and customization of text and images. The BKG can accommodate two 8K ultra-HD layers, meeting the display needs of various scenarios.



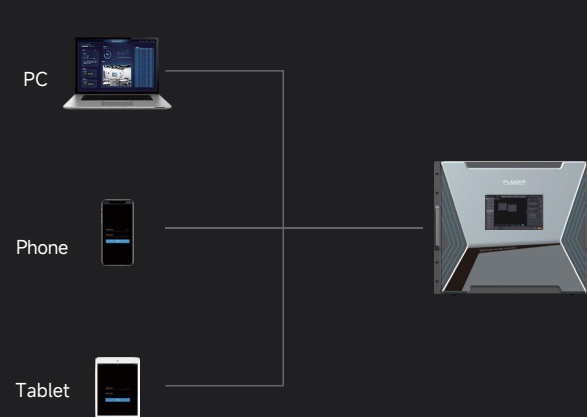
End-to-End Hot Backup, Rock-Solid Stability

Built on a pure hardware architecture with high-reliability design, it incorporates multiple safety backup mechanisms, including hot backup for input sources, dual power supplies, and presets. In emergencies, seamless switching ensures the system operates stably around the clock.



Platform Freedom, Streamlined Control

With a B/S architecture software design, it allows for web-based control without operating system constraints. Control can also be managed via specialized visualization software on mobile phones and tablets. This setup supports multi-user collaboration, greatly enhancing the interactive experience.



More Features

B/S + Mobile Control

Input Cropping

EDID
EDID and Advanced Timing

Irregular Splicing

PVW + PGM

BKG and OSD Layers

Online Device Diagnostics

Real-time Monitoring, Smart Alarms

2000 User Presets

Genlock
Genlock

100 Concurrent Users, Multi-Level Permissions

Control Card: Centralized Environmental Device Management