

ZUPER[®]LED

Adds Unlimited Colours...

DATAWALL[™]

24ft x 12ft COB LED VIDEO WALL
COMPLETE 4K VISUALIZATION SOLUTION

4K

Native 4K Resolution
3840 x 2160

COB

COB Ultra-Fine Pitch
P0.9 / P1.2



24x7 Mission Critical
Reliable & Robust



Front Service Access
Easy Maintenance



Intelligent Visualization
AVNWall Platform



Built for Performance
For Control Rooms &
Enterprise Spaces



CONTROL
ROOMS



NOC / SOC



COMMAND
CENTERS



BOARDROOMS



EXPERIENCE
CENTERS



CORPORATE
SPACES

THE COMPLETE DATAWALL SOLUTION

End-to-End Integrated Ecosystem



One Platform. Endless Possibilities.



SEAMLESS
INTEGRATION



SUPERIOR
PERFORMANCE



MAXIMUM
RELIABILITY



COMPLETE
CONTROL

SOLUTION OVERVIEW

Designed for Mission-Critical Environments

ZUPER LED

Adds Unlimited Colours...



Ultra-Fine Pitch LED Display
24ft x 12ft (Aspect Ratio 16:9)
P0.9 / P1.2 COB LED
Native 4K Resolution



Advanced Visualization Software
Intuitive Drag & Drop Interface
Unlimited Layouts & Scheduling
Real-time Data Visualization



High Performance Controller
Powerful Windows Controller
Remote PC Control
24x7 Operation



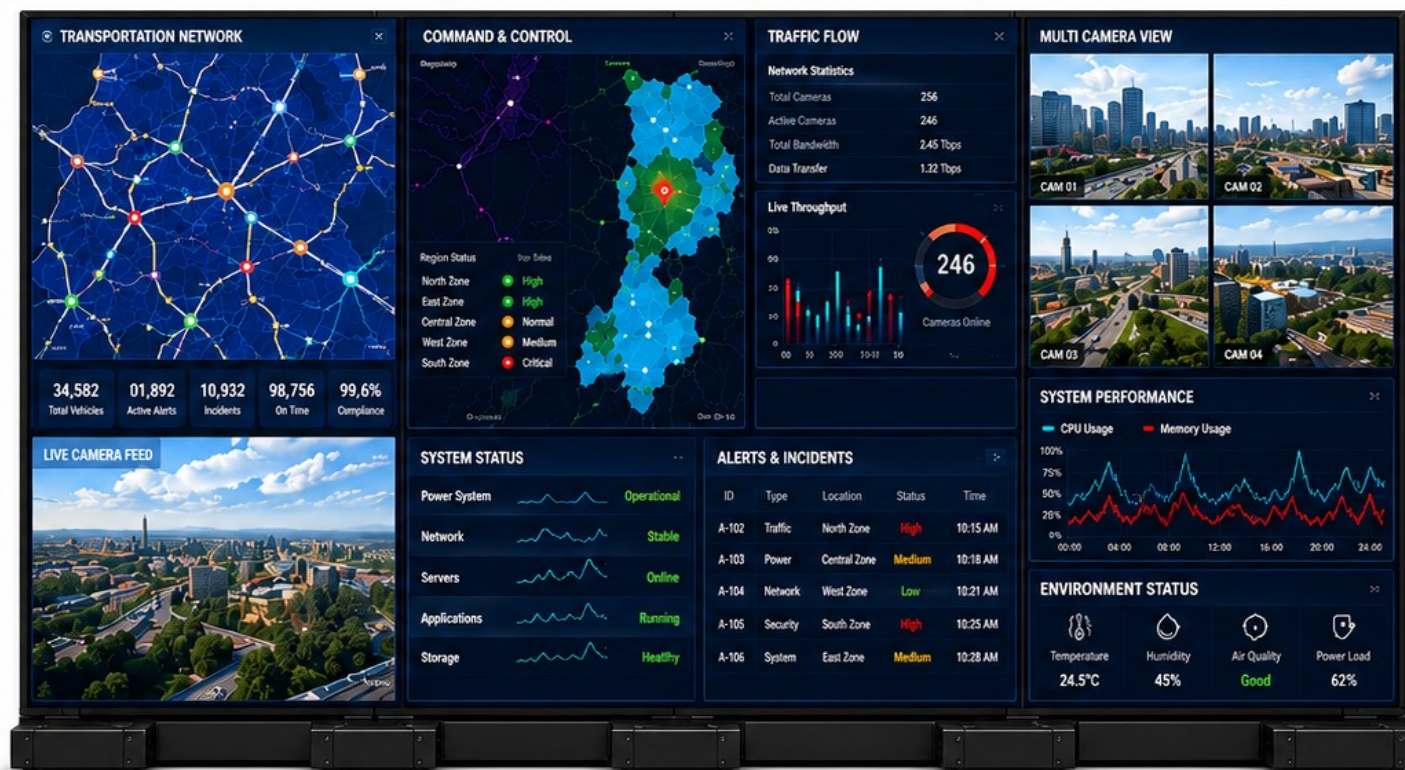
High Capacity LED Processor
Advanced LED Processing
Multi-Layer & Backup Support
Seamless Performance



Complete Integration

Hardware + Software + Display
One Unified Solution

ASPECT RATIO 16:9



4K

4K

NATIVE 4K
RESOLUTION



1200

NITS
BRIGHTNESS



7680Hz

REFRESH
RATE



170°

WIDE VIEW
ANGLE



24/7

CONTINUOUS
OPERATION



FRONT

FRONT SERVICE
ACCESS

APPLICATIONS & USE CASES

Powering Critical Operations Across Industries

ZUPER LED

Adds Unlimited Colours...



CONTROL ROOMS

Real-time monitoring and centralized control for critical operations.



NOC / SOC

Network & Security Operations with real-time threat detection and analytics.



COMMAND & CONTROL CENTERS

Mission-critical decision making with comprehensive situational awareness.



DEFENCE & SURVEILLANCE

Surveillance, reconnaissance & threat monitoring for enhanced security.



EXECUTIVE BOARDROOMS

High-impact presentations and data insights for strategic decision making.



TRANSPORTATION HUBS

Monitor traffic, ensure safety and optimize transportation networks.



SMART CITY OPERATIONS

Integrated city management for utilities, public safety and infrastructure.



EXPERIENCE CENTERS

Immersive visuals for engaging brand experiences and digital storytelling.



IMMERSIVE
VISUALS



REAL-TIME
DATA



SMART
COLLABORATION



FAST DECISION
MAKING



SCALABLE
SOLUTION



FUTURE
READY

ENTERPRISE DATAWALL CONTROLLER

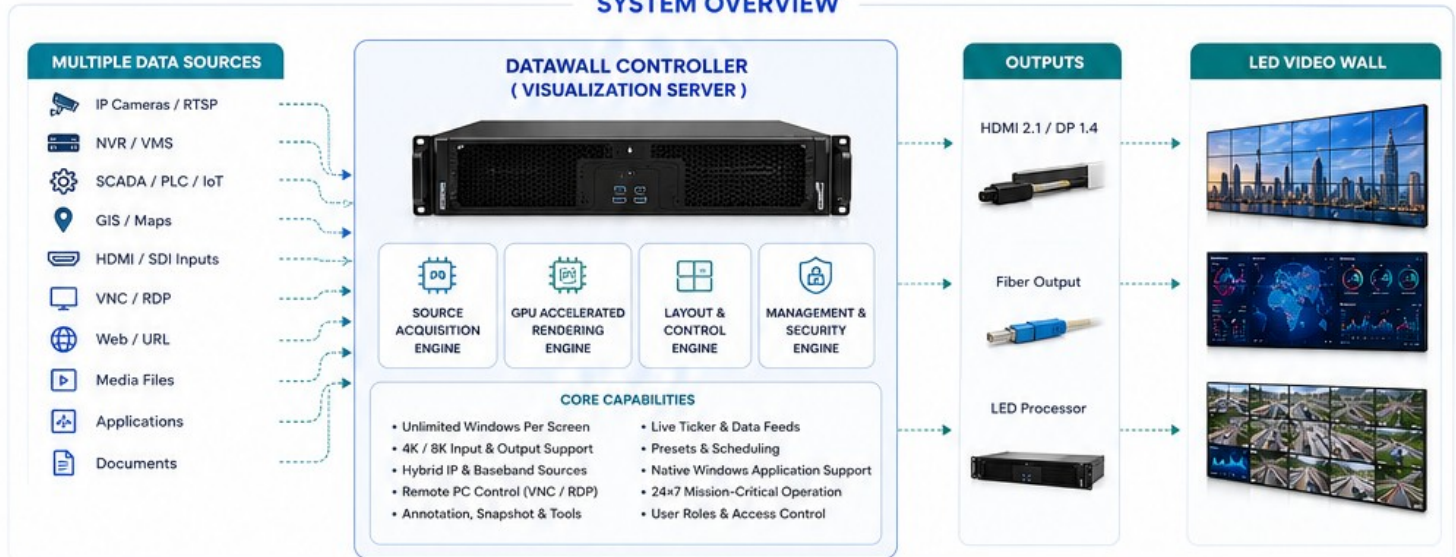
High Performance Visualization Server for Mission-Critical Operations

A powerful Windows-based controller designed to seamlessly manage and display multiple data sources on large format LED video walls with ease, reliability and flexibility.



- ✓ Intuitive Drag & Drop Interface
- ✓ Supports Websites, SCADA, Analytics, Live Data & More
- ✓ All-in-One Chassis for Simplified Deployment
- ✓ Redundant Power, Network & Cooling for Maximum Uptime

SYSTEM OVERVIEW



KEY HIGHLIGHTS



HARDWARE SPECIFICATIONS (RECOMMENDED)

Chassis	4U Industrial Rack Mount
Processor	Intel Xeon Silver/Gold or AMD EPYC
Cores	16 - 32 Cores
Memory	64GB DDR5 ECC (Expandable up to 256GB)
OS Drive	2 x 1TB NVMe SSD (RAID-1)
Data Drive	2 x 4TB Enterprise SSD (RAID-1)
Graphics	NVIDIA RTX A5000 / RTX 6000 Ada
Video Outputs	4 - 8 x DisplayPort 1.4 / HDMI 2.1
Capture Inputs	HDMI 2.0 / SDI Capture (Optional)
Network	Dual 10GbE + Dual 1GbE
Power Supply	Dual Redundant Hot-Swap PSU
Cooling	N+1 Redundant Fans
Management	IPMI / iDRAC / iLO
Operating System	Windows Server / Ubuntu LTS
Operation	24x7 Continuous Operation

TYPICAL APPLICATIONS



BUILT FOR RELIABILITY



Multi-Source
Integration



Real-Time
Visualization



Fast & Easy
Deployment



Scalable
Architecture



Future Ready
Technology



Expert Support
& Services

Enterprise DataWall Visualization Platform

ZUPER LED

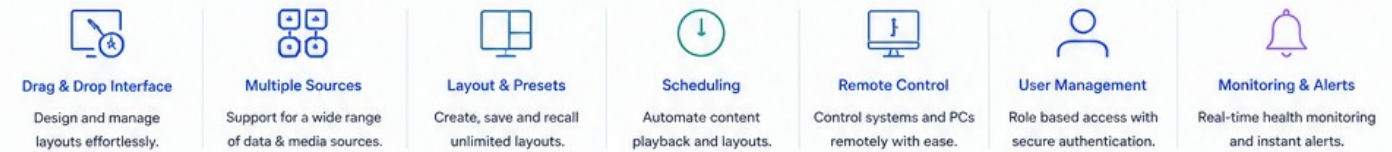
Adds Unlimited Colours...

One Platform. Unlimited Possibilities.

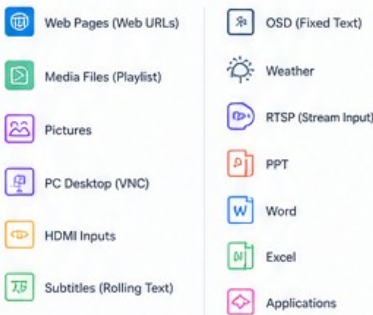
A powerful and intuitive software solution that enables you to manage, visualize and control multiple data sources on large format LED video walls with ease.



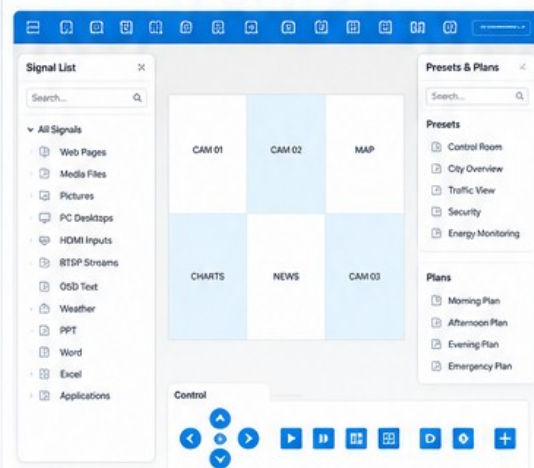
Powerful Features



Supported Signal Types



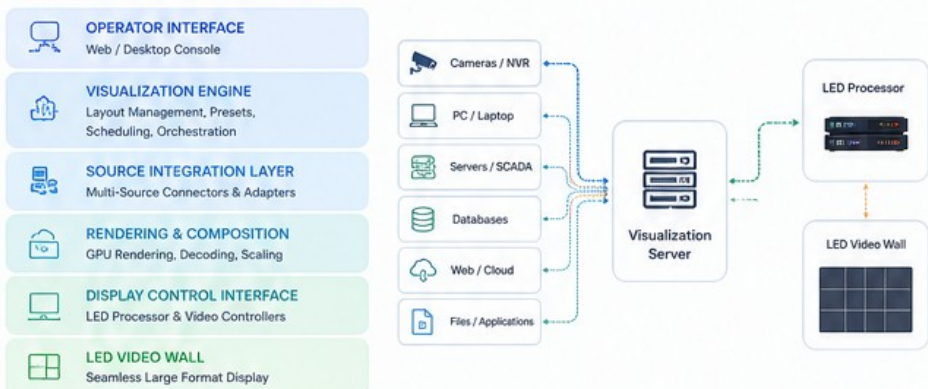
Software Interface



Applications & Use Cases



Software Architecture



Key Benefits

