



CONTROL ROOM SOLUTIONS

Absen and VuWall deliver flexible, reliable, high-quality visualization solutions for 24/7 mission-critical operations

Absen Micro LED displays with VuWall video wall management and IP KVM technology provide crystal-clear visualization of data, enabling operators to respond quickly to critical situations.



Leading Micro LED technology for control rooms of the future

Deep black for an immersive visual depth.

- Trusted #1 LED supplier globally for 23 years strong
- Rich LED display portfolio for demanding environments
- Global pre-sales and post-sales support



KLCOB V2 Series



One solution for all your visualization needs in control rooms, big or small

One Platform. Any Source. Any Display.

- Ease of use with drag-and-drop operations
- Interoperable by design with built-in intelligence
- Global pre-sales and post-sales support



Video Wall Management & Control Solutions

Need help with your control room video wall project?

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ADVANCED VIDEO WALL TECHNOLOGY

Scalable, flexible, and stable solutions with comprehensive control for video wall management and IP KVM operations

LED: The Solid Choice Over Other Display Technologies



LCD

Large seams, low brightness, low glare, color deviation after prolonged use.



DLP

Short lifespan, rapid brightness decay, needs ample projection distance, high maintenance costs.



System

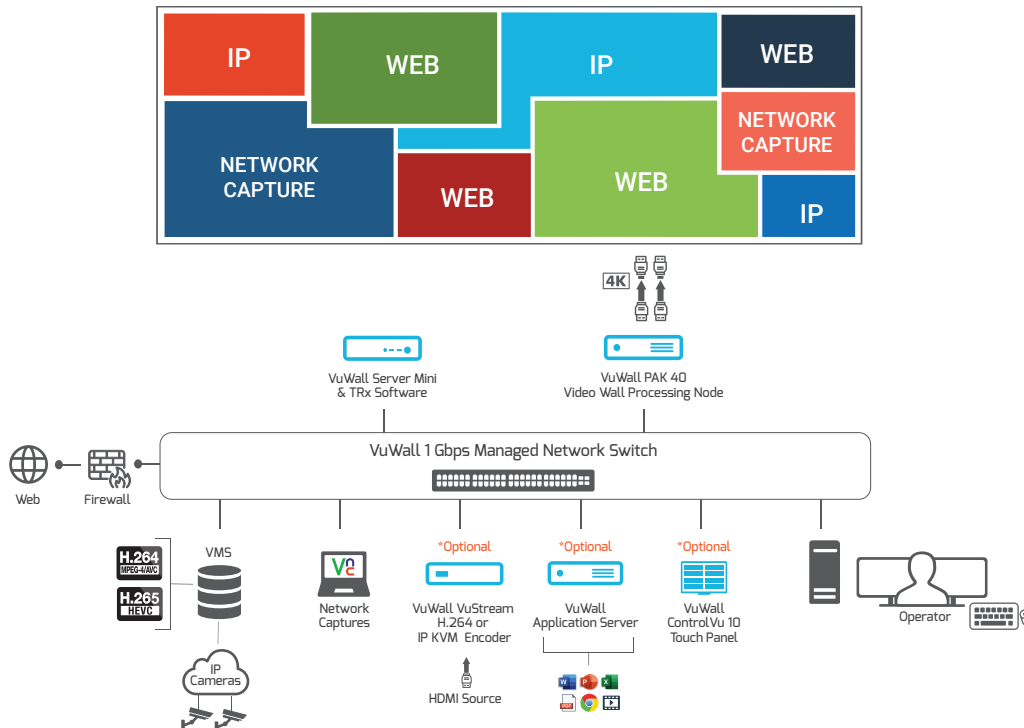
Complex hardware and software operations control switching is error-prone.



Projector

Requires sufficient projection distance, occupies a large space, has a short lifespan.

Simplifying Workflows for the Most Efficient Control Room Operations



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CHALLENGES

VuWall's ecosystem of interoperable products is built on a unique standards-based architecture providing the most effective distribution of information from any source to any display across organizations.



TRx Centralized Management

Powerful Centralized Multi-Video Wall Software Platform

TRx™ is unique in combining advanced multi-video wall management, KVM operations and AV distribution in a single platform. Configure, manage and distribute virtually any source to any display with an easy drag-and-drop and no programming.



PAK Video Wall & KVM Nodes

Modular High Performance Video Walls & KVM Stations

PAK™ is a compact and cost-effective processing appliance that can work as a standalone unit or can be stitched to each other to build KVM operator stations and IP video walls of any size.



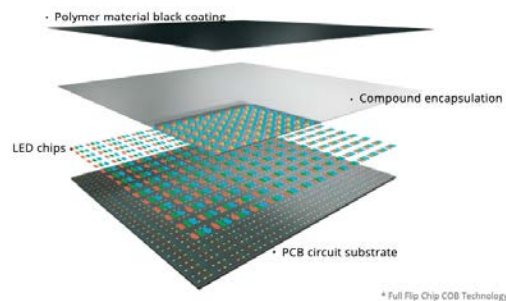
ControlVu Touch Panel

Touch Panel Control at Your Fingertips

ControlVu™ gives operators the freedom to securely change layouts and control devices with a simple touch. Use TRx's Control Panel Designer to create fully customizable panels without the need for any programming.

Extraordinary Deep Blacks

- Flip-chip technology provides high brightness and efficient heat dissipation
- Surface is covered with a black coating of polymer material, delivering amazing black consistency

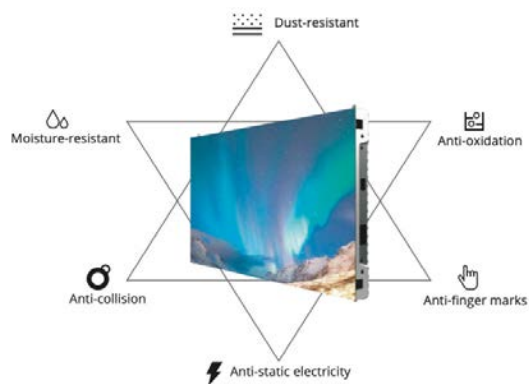


Capture Every Brilliance

- High dynamic range, 15000:1 stunning contrast, 600nits brightness,
- 3840Hz refresh rate, DCI-P3 cinema-level color gamut, 2FPS low latency
- Surface light source technology effectively reduces moiré
- Full flip-chip technology minimizes pixel graininess and enhances eye comfort

Stay Cool, Enjoy More

Thanks to the full flip-chip COB technology and Absen’s HBB common cathod technology, the KLCOB always stay cool.



Strong Against External Impact

Full flip-chip COB technology protects displays from external impact, providing 360° all-round protection.

Model	KLCOB0.7 V2	KLCOB0.9 V2	KLCOB1.2 V2
LED Type	Flip-chip RGB		
Pixel Pitch (mm)	0.78	0.93	1.25
Panel Dimensions (WxHxD)	600x337.5x39.3mm		
Pixel Per Panel	768x432	640x360	480x270
Panel Weight	4.5kg		
Panel Material	Die Casting Aluminum		
Brightness (nit)	600~1,000		
Refresh Rate (Hz)	3840		
Gray Scale (bit)	20 (Internal Processing)	19 (Internal Processing)	19 (Internal Processing)
Contrast Ratio	15000:1		
Viewing Angle (H/V) (°)	160/160		
Operating Temperature (°C)	-10~+40		
Operating Humidity (RH)	10%~80%		
IP Rating (Front/Rear)	IP40/IP21		

