PAK™ is a compact and cost-effective video wall processing appliance that can work as a standalone unit or can be stitched to each other to build an IP video wall of any size. PAK is ideal for multi-room visualization, situational awareness, control rooms, and corporate workspaces.

SIMPLE
Easy to configure, install, and manage.

VERSATILE
Utmost flexibility and scalability. One node. Endless possibilities.

RELIABLE
Minimized impact of failure. 24/7 dependability.

ECO-FRIENDLY
Smaller footprint. Low power consumption.

FANLESS
Quiet and high-MTBF with no moving parts.

SECURE

EASY MAINTENANCE
Easy to replace. Easy to troubleshoot.

HIGH PERFORMANCE
Up to 8x 4K or 32x HD decodes per node

VuWall Ecosystem Workflow

Sources
- HDMI/DVI/DP
- IP Sources
- VuStream Encoders
- Desktop Sharing & Control
- Application Server
- KVM CPUs & Matrix Switch

TRx Centralized Management
- TRx Server
- Managed Network Switch
- LAN or WAN

TRx Software
- ControlVu Touch Panel

Destinations
- Stitched Video Wall
- VuStream Decoders
- VuScape Video Wall Controller
- KVM Operator

Need help? Talk to a video wall expert!
Contact us at sales@vuwall.com

vuwall.com
Control what you see.
PAK Features & Benefits

Simplified Deployment
VuWall’s PAK Configuration Tool is designed to easily set up your system: configure your video wall outputs and resolutions, select your tiling arrangements, and set your bezel compensation.

Easy Troubleshooting
VuWall provides an array of powerful troubleshooting tools to monitor the usage and log activities of PAK appliances. These tools are designed for fast and easy diagnoses and problem resolution.

Eliminating a Single Point of Failure
Thanks to PAK’s modular implementation, if one of the PAK appliances powering a video wall fails or is turned off, only a portion of the video wall that is driven by that PAK unit will be affected, while the rest of the video wall continues to operate normally. This design minimizing the impact of failure on your system. Once the PAK appliance comes back online, the affected displays automatically recover.

Eco-Friendly
We must all do our part. PAK’s eco-friendly, low-noise, and compact design boasts a smaller footprint and a power consumption as low as 15W and 36W for the PAK 10 and PAK 40 models, respectively.

How it Works
PAK is a high-performance multi-window IP decoding device that can work as a standalone unit or can be stitched together with other PAK nodes to build a large IP video wall. If stitched together, each PAK unit represents a small subset of the larger wall, driving up to 4 displays at a time. The IP video processing is shared among all PAKs, as each PAK processes only the content that it needs to display on its own outputs. As a result, this modular implementation ensures the ability to scale the video wall to virtually an unlimited size, by increasing its processing power with every additional PAK.
# VuWall PAK Technical Specifications

<table>
<thead>
<tr>
<th><strong>Product Name</strong></th>
<th><strong>PAK 10</strong></th>
<th><strong>PAK 40</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Part Number</strong></td>
<td>PAK-10-2</td>
<td>PAK-40-1</td>
</tr>
<tr>
<td><strong>Hardware</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Button</strong></td>
<td>1x front panel power button</td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1500g / 3.3 lbs.</td>
<td>1300g / 2.9 lbs.</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>165 x 200 x 39.5 mm (Wx Dx H) 6 x 7.9 x 1.55” (Wx Dx H)</td>
<td>165 x 190 x 43 mm (Wx Dx H) 6 x 7.5 x 1.7” (Wx Dx H)</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>15W</td>
<td>36W</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>65W adapter Input: 100-240 VAC, 50/60 Hz Output: 19V/3.42A DC</td>
<td>90W adapter Input: 100-240 VAC, 50/60 Hz Output: 19V/4.74A DC</td>
</tr>
<tr>
<td><strong>Operating Conditions</strong></td>
<td>Operating temperature range: 0-40°C Relative humidity, non-condensing: 10-90%</td>
<td>Operating temperature range: 0-50°C Relative humidity, non-condensing: 10-90%</td>
</tr>
<tr>
<td><strong>Cooling</strong></td>
<td>Fanless: Passive Cooling</td>
<td>Fanned: Active Cooling</td>
</tr>
<tr>
<td><strong>Noise Level</strong></td>
<td>17 dB</td>
<td>36 dB</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>3 years</td>
<td></td>
</tr>
<tr>
<td><strong>Network Interface</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Connectors and Standard</strong></td>
<td>2 x RJ45, 1 GbE (each)</td>
<td></td>
</tr>
<tr>
<td><strong>IP Version</strong></td>
<td>IPv4 and IPv6</td>
<td></td>
</tr>
<tr>
<td><strong>Distribution Method</strong></td>
<td>Unicast and Multicast</td>
<td></td>
</tr>
<tr>
<td><strong>IP Addressing</strong></td>
<td>Static IP and DHCP</td>
<td></td>
</tr>
<tr>
<td><strong>Software</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Management</strong></td>
<td>VuWall TRx</td>
<td></td>
</tr>
<tr>
<td><strong>Outputs</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Connections</strong></td>
<td>1 x HDMI or 1 x DisplayPort 1.2</td>
<td>4 x HDMI</td>
</tr>
<tr>
<td><strong>Max. Resolution</strong></td>
<td>1920 x 1080 @ 60 Hz</td>
<td>1x 3840 x 2160 @ 60 Hz or 4x 1920 x 1080 @ 60 Hz</td>
</tr>
<tr>
<td><strong>Audio Output Format</strong></td>
<td>Stereo, 48 kHz</td>
<td></td>
</tr>
<tr>
<td><strong>Decoding</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Decoding Capability</strong></td>
<td>1 x 3840 x 2160 @ 60 Hz or 2 x 3840 x 2160 @ 30 Hz or 8 x 1920 x 1080 @ 60 Hz or 8 x 1920 x 1080 @ 30 Hz or 32 x 1280 x 720 @ 60 Hz or 32 x 1280 x 720 @ 30 Hz</td>
<td>4 x 3840 x 2160 @ 60 Hz or 8 x 3840 x 2160 @ 30 Hz or 16 x 1920 x 1080 @ 60 Hz or 32 x 1280 x 720 @ 60 Hz or 32 x 1280 x 720 @ 30 Hz</td>
</tr>
<tr>
<td><strong>Formats</strong></td>
<td>H.264, NDI*, VNC (Web Browsers, Applications, JPEG, PNG)</td>
<td></td>
</tr>
<tr>
<td><strong>Streaming Protocols</strong></td>
<td>RTSP, MPEG2-TS, RTP, HLS</td>
<td></td>
</tr>
<tr>
<td><strong>Supported Audio Format</strong></td>
<td>AAC, 32 kHz to 96 kHz</td>
<td></td>
</tr>
<tr>
<td><strong>Video Processing</strong></td>
<td>Video Scaling, Cropping &amp; Compositing</td>
<td></td>
</tr>
<tr>
<td><strong>Mounting Hardware</strong></td>
<td>VESA 75/100 mm (hardware included)</td>
<td>Rackmount kit available to mount 2 x PAKs (sold separately – part number: PAK-Rack-Mounting-Plate)</td>
</tr>
</tbody>
</table>

*NDI support is not yet available, please contact Sales for more information.*

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Need help? Contact us at sales@vuwall.com  
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VuWall’s TRx Software

Manage all your PAK nodes with the award-winning TRx software – a single, common platform to manage your entire video wall and AV distribution ecosystem.

TRx is the only platform that combines AV-over-IP distribution, advanced multi-video wall and KVM management. It is a centralized platform used to configure, manage and distribute virtually any source type to any display with easy drag-and-drop and no programming required.

TRx features an intuitive interface, a built-in HTML-based control panel designer, scripting, advanced security, user rights management, and an extensive API. Thanks to its interoperable and hybrid design, TRx simplifies the deployment of complex AV-over-IP projects.

VuWall PAK Hardware

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