Planar® WallDirector™ Video Controller (VC) is a family of compact and scalable video processors designed to drive Planar video walls using the powerful web-based Planar® WallDirector™ Software management application.

Tightly Integrated with Planar Video Walls

Planar WallDirector VC is available in two models designed to meet the needs of different organizations' use cases. The 1U rack mount device captures multiple 4K inputs and drives the video wall at native resolution while providing signal extension over CAT or fiber connections. The Planar WallDirector VC is designed to work in conjunction with the Planar® Remote Power Supply, and the two mission-critical devices are managed, controlled and monitored within the same Planar WallDirector Software framework.

Control of the Planar WallDirector VC is accomplished using the web-based Planar WallDirector Software or through a comprehensive set of serial commands supporting RS232 or network connections. Planar WallDirector VC is also compatible with leading automation and control systems, allowing it to be managed as part of a larger room system.
Scalable by Design

Planar WallDirector VC models can be cascaded together with up to 18 Controllers to support larger video walls and higher resolutions. Planar WallDirector Software manages Planar WallDirector VC groups as if they are one system rather than multiple separate units. Additionally, Full HD or 4K sources can be shared across the video controllers and video walls via a DisplayPort 1.2 link that acts as a bus extension for any source rather than a limited loop-out for a single input.

Key Features:
- Slim yet powerful design
- Modular scalability
- Inputs four 4K sources per video controller
- Source routing across video controller outputs
- CAT or FIBER signal extension to wall
- Genlock

Advanced Video Wall Processing

Planar WallDirector VC models offer multiple options to display sources on the video wall. With Planar® Big Picture Plus™ Video Wall Processing, sources can be scaled across the entire video wall or any section of the video wall. Planar Big Picture Plus Processing allows for ultra-high resolution content up to 4K to spread over multiple displays at native resolution or scaled down to a smaller section of the wall.

Solving a range of video wall genlock and synchronization challenges, Planar® WallSync™ uses Smart Genlock to automatically ensure perfectly synchronized video playback without manual configuration. For installations requiring more complex video wall processing, the Planar WallDirector VC is compatible with industry leading video wall processors and matrix switchers.

Scale across multiple displays
4K Picture in Picture (PiP)
Flexible resolution support
Tile multiple sources in single display
Web-based Management

Planar WallDirector Software is a browser-based video wall management application with an intuitive interface that simplifies video wall set-up, configuration, operation and monitoring.

The user-friendly software features one-button presets for set-up and configuration, recalling windowing layouts, dragging and dropping content sources on the video wall canvas and easy manipulation of window size and position. Users can even overlap one content source with another source.

Configurable alerts also help keep you informed. The software, in most cases, can detect the hardware components that are part of the video wall, making setup quick. Plus, user permission levels ensure only the people you choose have access to setup and others more-critical administration settings, while non-admin permissions allow others to monitor the health of individual components.

Planar WallDirector offers a simple, easy-to-use management platform that can be securely accessed from anywhere.

Planar WallDirector Software monitoring, diagnostics, threshold definition and alerting provide better control of video wall and all system components.
# PLANAR WALLDIRECTOR VC4 & VC9

<table>
<thead>
<tr>
<th>Model Name</th>
<th>VC4H-BP+</th>
<th>VC9H-BP+</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Supported Video Walls</strong></td>
<td>Clarity Matrix G3 LCD Video Wall System, Planar DirectLight X LED Video Wall System</td>
<td>Clarity Matrix G3 LCD Video Wall System, Planar DirectLight X LED Video Wall System</td>
</tr>
<tr>
<td><strong>Cabinet Size</strong></td>
<td>1U Rack-Mounted Controller, 19&quot; Rack</td>
<td>1U Rack-Mounted Controller, 19&quot; Rack</td>
</tr>
<tr>
<td><strong>Maximum Output Resolution</strong></td>
<td>Up to 4 Full HD (1920x1080) Display Sections, 8.3M Pixels</td>
<td>Up to 9 Full HD (1920x1080) Display Sections, 18.6M Pixels</td>
</tr>
<tr>
<td><strong>Video Inputs</strong></td>
<td>4x HDMI 2.0 (w/HDCP 2.2); 1x DisplayPort 1.2</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Video Outputs</strong></td>
<td>4x RJ45 8P8C, 1x DisplayPort 1.2</td>
<td>9x RJ45 8P8C, 1x DisplayPort 1.2</td>
</tr>
<tr>
<td><strong>Optional Fiber Extender</strong></td>
<td>Yes</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Maximum Distance from Video Wall</strong></td>
<td>Standard: 200ft (60m)</td>
<td>Standard: 200ft (60m)</td>
</tr>
<tr>
<td><strong>Control</strong></td>
<td>IR Remote Control, RS-232, USB, Network, Planar WallDirector Software</td>
<td>IR Remote Control, RS-232, USB, Network, Planar WallDirector Software</td>
</tr>
<tr>
<td><strong>Controller Status</strong></td>
<td>Diagnostic LEDs, Planar WallDirector Software Health Monitoring and Alerts</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Sync</strong></td>
<td>Mini BNC In/Out</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Image Scaling</strong></td>
<td>Planar Big Picture Plus Windowing, Planar WallSync, PIP, 4K at 60Hz Upscaling and Downscaling</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Windowing</strong></td>
<td>9 per Video Controller</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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**Planar WallDirector VC4**

- Power In/Out
- IR Remote
- Aux USB
- Network Ports
- HDMI 2.0
- DisplayPort 1.2
- Loop In/Out
- 4 Video Outputs
- Built-In Synchronization Board

**Planar WallDirector VC9**

- Power In/Out
- IR Remote
- Aux USB
- Network Ports
- HDMI 2.0
- DisplayPort 1.2
- Loop In/Out
- 9 Video Outputs (RJ45 8P8C)
- RS-232 & USB Control
- Built-In Synchronization Board

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