PS/2 KVM Switch with OSD
KNV-102 / KNV-104 / KNV-104D / KNV-108D / KNV-116D

The NovaView KNV-104D, KNV-108D and KNV-116D allow you to access multiple computers from one keyboard, mouse and monitor. There is no interface card or software to configure. Installation is as easy as connecting cables between the NovaView and your computers.

For NovaView with built-in OSD control, you can name your computers, switch to a computer from your list, configure settings with easy-to-use menus and view the name of the selected computer on-screen with a programmable time interval. The OSD displays the system status throughout operation.

Operation is as simple as pressing the push button, entering a hot-key command and navigating through the user-friendly on-screen menu. Depending on the model you have, NovaView can switch among 4, 8 or 16 computers. The NovaView is independent of the computer operating system.

**Connection Pattern**

• Assign computers individual names
• Identify and select computers using chosen names
• Programmable scan filters unused computers
• Store system settings and name entries to non-volatile memory
• Password security locks computer from unauthorized access
• Gain complete control with easy-to-use OSD interface (4,8,16-Port only)
• Supports PS/2 keyboard and mouse of different models at each port
• Automatic or manual selection
• Operating system independent
• High VGA resolution: up to 1920 x 1440
• Power-free operation
• No software is required
• Cascade configuration expands system capability
• Auto-scan automatically selects computers sequentially
• Supports Microsoft IntelliMouse (Pro)
• Hot-key functions allow easy computer access
• Keyboard states automatically saved and restored when switching computers
• Operating system independent, transparent to all applications
• Plug and play system configuration
• Keyboard and mouse can be hot plugged at any time
• DDC2B compatible
• Optional standard 19 inch rack mounting kit available
• Supports optional multimedia module for microphones and stereo speakers

### Features

- Assign computers individual names
- Identify and select computers using chosen names
- Programmable scan filters unused computers
- Store system settings and name entries to non-volatile memory
- Password security locks computer from unauthorized access
- Gain complete control with easy-to-use OSD interface (4, 8, 16-Port only)
- Supports PS/2 keyboard and mouse of different models at each port
- Automatic or manual selection
- Operating system independent
- High VGA resolution: up to 1920 x 1440
- Power-free operation
- No software is required
- Cascade configuration expands system capability
- Auto-scan automatically selects computers sequentially
- Supports Microsoft IntelliMouse (Pro)
- Hot-key functions allow easy computer access
- Keyboard states automatically saved and restored when switching computers
- Operating system independent, transparent to all applications
- Plug and play system configuration
- Keyboard and mouse can be hot plugged at any time
- DDC2B compatible
- Optional standard 19 inch rack mounting kit available
- Supports optional multimedia module for microphones and stereo speakers

### Specifications

<table>
<thead>
<tr>
<th></th>
<th>KNV-102</th>
<th>KNV-104</th>
<th>KNV-104D</th>
<th>KNV-108D</th>
<th>KNV-116D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Console Ports</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td>Number of Computer Ports</td>
<td>2</td>
<td>4</td>
<td>8</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>On-Screen Display (OSD)</td>
<td>N / A</td>
<td>N / A</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Control Buttons on Front Panel</td>
<td>2</td>
<td>4</td>
<td>8</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>Plug-n-Play</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Hotkey Control</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Cable Length (Max)</td>
<td>Max 30M (100ft) at Console</td>
<td>Max 30M (100ft) at PC Ports</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video Resolution</td>
<td>1920 x 1440, DDC2B</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Connectors</td>
<td>Keyboard: PS/2 x 2</td>
<td>PS/2 x 4</td>
<td>PS/2 x 8</td>
<td>PS/2 x 16</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mouse: PS/2 x 2</td>
<td>PS/2 x 4</td>
<td>PS/2 x 8</td>
<td>PS/2 x 16</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Monitor: HDB15 Male x 2</td>
<td>HDB15 Male x 4</td>
<td>HDB15 Male x 8</td>
<td>HDB15 Male x 16</td>
<td></td>
</tr>
<tr>
<td>Console Connectors</td>
<td>Keyboard: PS/2 Mini-Din6 (Female) x 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mouse: PS/2 Mini-Din6 (Female) x 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Monitor: HDB15 (Female) x 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multimedia Module (Optional)</td>
<td>N / A</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions H x W x D (mm)</td>
<td>44 x 124 x 70</td>
<td>44 x 220 x 130</td>
<td>44 x 436 x 180</td>
<td>88 x 436 x 220</td>
<td></td>
</tr>
</tbody>
</table>