Control up to 32 single link DVI or HDMI USB computers with one USB keyboard, USB mouse & DVI monitor.

- The High Density Switch saves rack space
  - 4- and 16-port switches are 1RU in height.
  - 24- and 32-port switches are 2RU in height.
  - Rackmount kit included.
- Incorporates NTI’s patented true autoboot USB switching; all attached USB PCs, SUNs and MACs can be booted simultaneously.
- Supports video resolutions up to 1920x1200.
- Supports digital DVI for crisp and clear video quality on flat panel display.
- Control the switch through the front panel interface, keyboard commands or RS232.
- Compliant with USB 2.0 (low/full speed) standards.
- High quality, rugged steel construction with durable powder coat finish.
- USB SUN start-up keys are supported.
- Supports MAC soft (keyboard) power-on.
- Cabling runs are simplified with NTI’s high density KVM switch cables.
  - Use USB-HHEXT-xx-MM cables to connect HDMI computers to the switch.
  - Use USB-DHEXT-xx-MM cables to connect DVI computers to the switch.

Specifications

**Hosts**
- Female HDMI-A connectors.
- Supports USB-enabled computers (PC, SUN, and MAC) with DVI video.

**Monitor**
- Supports crisp and clear video resolution up to 1920x1200.
- One female DVI-I connector.
- Single link DVI-D signal.
- DDC2B compatible.

**Devices**
- Two female USB Type A connectors.
- Provides support for full-speed (12 Mbps) or low-speed (1.5 Mbps) USB keyboard and mouse.
- Compatible with most USB keyboards and mice, including USB IntelliMouse®.
- Keyboard and mouse are hot-pluggable.
- Supports SUN and MAC extra keys.

**Power**
- 110 or 220 VAC at 50 or 60 Hz via IEC connector.
- Power consumption: 10W

**Dimensions**
- UNIMUX-DVI-4/16HD WxDxH(in):
  - 15.2x6x1.75 in (386x152x45 mm) (without supplied rackmount kit)
  - 19x6x1.75 in (483x152x45 mm) (with supplied rackmount kit)
- UNIMUX-DVI-24/32HD WxDxH(in):
  - 15.3x6x3.5 in (389x152x89 mm) (without supplied rackmount kit)
  - 19x6x3.5 in (483x152x89 mm) (with supplied rackmount kit)

**Cables**
- Interface cables between your computers and the switch are required for proper operation. (Cables not included)
  - Use USB-DHEXT-xx-MM to connect DVI computers to the switch.
  - Use USB-HHEXT-xx-MM to connect HDMI computers to the switch.

**Environmental**
- Operating temperature: 32°F to 100°F (0°C to 38°C).
- Storage temperature: -22°F to 140°F (-30°C to 60°C).
- Operating and Storage Relative Humidity: 17 to 90% non-condensing RH.

**Regulatory Approval**
- CE, RoHS
- TAA compliant

**Compatible NTI Products**
- Combine NTI’s extenders, switches, and cables for complex applications.
  - DVI-D to HDMI Single Link Interface Cable (DVI-HD-xx-MM).
  - HDMI USB KVM Extender over HDBase-T (ST-C6USBH-HDBT).

The UNIMUX™ High Density DVI USB KVM switch allows you to control up to 32 single link DVI or HDMI USB computers with one DVI-D monitor, USB keyboard and USB mouse.
Control Methods

Front Panel Interface
- LEDs indicate currently selected port and mode of operation.
- Hold in any button for more than five seconds to go into **Scan**, **Broadcast** or **Command Mode**.
  - In **Normal Operating Mode**, the user can directly operate the selected computer with transparent presence of the NTI switch.
  - **Scan Mode** automatically and sequentially displays the video from each powered on computer for 2-255 seconds.
  - **Broadcast Mode** allows the user's keystrokes to be sent to both powered on computers. (Broadcast Mode is not available for MACs.)
  - **Command Mode** allows the user to give instructions to the switch through his/her keyboard. Keystrokes are not passed to the computer.

Keyboard
- **Scan**, **Broadcast** or **Command Modes** are available from the keyboard using hot keys.
- Use the keyboard to command the switch box to select ports or configure the **Scan** delay.
- Type `<Ctrl>+<'> (or `<Compose>+<'>) to go into Command Mode.
- Press `<Esc>` to leave **Command Mode** and return to **Normal** or **Scan Mode**.

RS232 Control
- Female RJ45 connector.
- Baud rate 2400, 9600, 19200, or 38400.
- Use DIP switches to set the baud rate and address up to 16 units, all of which can be daisy chained and controlled by one serial port.
- 5-foot (1.5-meter) CAT5e patch cable, RJ45F-DB9F and RJ45F-DB25F adapters included.
- **Commands**
  - **CS** - connect output (user) port to specific input (CPU) port.
  - **RO** - reads what input is connected to the output.
  - **RU** - reads size of switch.

High Density USB DVI KVM Switches

<table>
<thead>
<tr>
<th>NTI Part #</th>
<th># of CPUs (x)</th>
<th>Desktop Size WxDxH without supplied rackmount kit</th>
<th>Rack Size WxDxH with supplied rackmount kit</th>
</tr>
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<tbody>
<tr>
<td>UNIMUX-DVI-4HD</td>
<td>4</td>
<td>15.2x6x1.75 in (386x152x45 mm)</td>
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<td>UNIMUX-DVI-32HD</td>
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</tr>
</tbody>
</table>