MASTERCONSOLE DIGITAL SERIES

CUT5 ANALOG/DIGITAL KVM SWITCH FOR SMALL TO MIDSIZED IT ENVIRONMENTS

Employing state-of-the-art technologies in a compact device, Raritan’s MasterConsole Digital KVM switch (MCD) and 17” LED Console Drawer with integrated KVM switch (MCD-LED) provides reliability, ease of use, and convenience that you need in your data center, lab or server room.

The MCD supports the highest HD video resolution of up to 1920 x 1080 via standard Category 5/6/6e. The digital video interface supports both Analog — VGA and Digital — DVI, HDMI and DisplayPort. Stereo audio is also supported by using VGA combo cables or Raritan’s HDMI C1Ms.

Building upon Raritan’s history of success with KVM switches, the MasterConsole Digital Series is ideal for performing system maintenance, administration, running applications, and troubleshooting.

MCD AND MCD-LED PORTS AND CONNECTIONS

MCD-232

- Power Supply AC100-240V
- Local USB Ports
- Reset Button
- 32 KVM Ports
- Audio Ports
- Firmware Port
- DVI-I Ports

MCD-LED17116

- Power Supply AC100-240V
- 16 KVM Ports
- Grounding Screw
- Firmware Port

MCD FEATURES AND BENEFITS
- Single or dual user to control 8, 16 or 32 servers
- Control up to 1024 servers by cascading
- Support VGA/DVI/HDMI/DP digital video interfaces
- High resolution video — 1920 x 1200 @75Hz (Analog) & 1920 x 1080 (Digital)
- Secure password authentication

MCD-LED FEATURES AND BENEFITS
- 1U, small form factor design
- Single user of control 8 or 16 servers
- Control up to 512 servers by cascading
- Support VGA/DVI/HDMI/DP digital video interfaces
- Widescreen resolution support up to 1920 x 1080

Raritan / 400 Cottontail Lane / Somerset, NJ 08873 / USA / Raritan.com
CONSOLIDATED ACCESS AND CONTROL OF MULTIPLE SERVERS

The MasterConsole Digital Series efficiently consolidates access and control of multiple servers for one or two users. Models are available for KVM connections to 8, 16, or 32 servers.

CASCADe TO ACCESS AND CONTROL UP TO 1024 COMPUTERS

Using standard Category 5/6/6e unshielded twisted-pair (UTP) cables, MasterConsole Digital Series can be cascaded two levels to access up to 1024 computers.
POWERFUL LCD KVM DRAWER FUNCTIONALITY

With a touchpad mouse, simple on-screen user interface and automatic screen power off, the MCD-LED combination LCD Drawer and KVM switch provides complete system management in an intuitive, simple device. Providing an enhanced visual display with 300 nit brightness, and a typical 650:1 contrast ratio, these switches are an investment in high-performing, user-friendly management of your server environment.

EASY OPERATION AND POWERFUL FUNCTIONALITY

A SINGLE SWITCH FOR DIGITAL AND ANALOG VIDEO

MasterConsole Digital switches and consoles support the latest digital video formats (DVI, HDMI and DisplayPort), as well as servers with analog VGA video. In a single switch! Connect to both new and legacy servers with the MasterConsole Digital CIMs and VGA CIM cables. Stereo audio is available for servers with VGA and HDMI video.

EASIER AND MORE INTUITIVE OPERATION

Operation is easier than ever with intuitive, user-friendly features, including:

- Own-screen user interfaces and the front panel of the switch allow for simple set-up, control, and management
- Front panel LEDs allow for instant monitoring of server statuses
- On-screen display (OSD) interface enables fast and easy switching
- Computers can be labeled with meaningful names for quick identification and selection
- OSD menus can be operated with keyboard hot keys
- Password security ensures only authorized access to computers

INDUSTRY LEADING SCALABILITY AND PERFORMANCE

Designed to provide maximum flexibility and versatility:

- KVM switches can be cascaded to control up to 1024 servers at distances up to 150 feet
- AutoSkip function bypasses inactive channels, while AutoScan function previews servers at variable rates
- "Keep-alive" technology maintains non-stop server operation, even in the event of power loss
- MCD KVM switches are firmware upgradeable and rack mountable
### MASTERCONSOLE DIGITAL KVM SWITCH (MCD) SPECIFICATIONS

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
<th>Dimension (W x D x H)</th>
<th>Weight</th>
<th>Maximum Input Power Rating/Power Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCD-108</td>
<td>1 User, 8 Ports, 256 Managed Servers (Cascaded), 1920 x 1200 @75Hz (VGA)/1920 x 1080@60Hz (DVI) Video Resolution, &gt; 300,000 Hours MTBF</td>
<td>440 x 150 x 44mm</td>
<td>1963g</td>
<td>AC100-240V, 1.5A; DC12V/5.42A (65W)</td>
</tr>
<tr>
<td>MCD-116</td>
<td>1 User, 16 Ports, 512 Managed Servers (Cascaded), 1920 x 1200 @75Hz (VGA)/1920 x 1080@60Hz (DVI) Video Resolution, &gt; 300,000 Hours MTBF</td>
<td>440 x 150 x 44mm</td>
<td>1993g</td>
<td>AC100-240V, 1.5A; DC12V/5.42A (65W)</td>
</tr>
<tr>
<td>MCD-216</td>
<td>2 User, 16 Ports, 512 Managed Servers (Cascaded), 1920 x 1200 @75Hz (VGA)/1920 x 1080@60Hz (DVI) Video Resolution, &gt; 300,000 Hours MTBF</td>
<td>440 x 150 x 44mm</td>
<td>2009g</td>
<td>AC100-240V, 1.5A; DC12V/5.42A (65W)</td>
</tr>
<tr>
<td>MCD-232</td>
<td>2 User, 32 Ports, 1,024 Managed Servers (Cascaded), 1920 x 1200 @75Hz (VGA)/1920 x 1080@60Hz (DVI) Video Resolution, &gt; 300,000 Hours MTBF</td>
<td>440 x 150 x 44mm</td>
<td>2276g</td>
<td>AC100–240V, DC12C/5A; DC 12V/5.42A (65W)</td>
</tr>
</tbody>
</table>

### MASTERCONSOLE DIGITAL CONSOLE DRAWER KVM SWITCH (MCD-LED) SPECIFICATIONS

<table>
<thead>
<tr>
<th>Models</th>
<th>KVM Switch Description</th>
<th>Dimension (W x D x H)</th>
<th>Weight</th>
<th>Maximum Input Power Rating/Power Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCD-LED17108</td>
<td>1 User, 8 Ports, 256 Managed Servers (Cascaded), 1920 x 1080@60Hz (DVI) Video Resolution, &gt; 300,000 Hours MTBF</td>
<td>481 x 571 x 43.9mm</td>
<td>11.15kg</td>
<td>AC100-240V, 1.5A; DC12V/5.42A (65W)</td>
</tr>
<tr>
<td>MCD-LED17116</td>
<td>1 User, 16 Ports, 512 Managed Servers (Cascaded), 1920 x 1080@60Hz (DVI) Video Resolution, &gt; 300,000 Hours MTBF</td>
<td>481 x 571 x 43.9mm</td>
<td>12kg</td>
<td>AC100-240V, 1.5A; DC12V/5.42A (65W)</td>
</tr>
</tbody>
</table>

### MASTERCONSOLE DIGITAL CONSOLE DRAWER LCD (MCD-LED) SPECIFICATIONS

<table>
<thead>
<tr>
<th>Models</th>
<th>Console Drawer Description</th>
<th>Supported Colors</th>
<th>Brightness</th>
<th>Contrast Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCD-LED17108</td>
<td>17.3&quot; TFT LCD with LED backlight unit, 0.1989 (H) x 0.1989 (V) mm pixel pitch, 1920x1080@60Hz (Full HD 1080P) max resolution, 15,000 Hours MTBF</td>
<td>262,144</td>
<td>300 Nits</td>
<td>650:1</td>
</tr>
<tr>
<td>MCD-LED17116</td>
<td>17.3&quot; TFT LCD with LED backlight unit, 0.1989 (H) x 0.1989 (V) mm pixel pitch, 1920x1080@60Hz (Full HD 1080P) max resolution, 15,000 Hours MTBF</td>
<td>262,144</td>
<td>300 Nits</td>
<td>650:1</td>
</tr>
</tbody>
</table>

### COMPUTER INTERFACE MODULES (CIMS)

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDCIM-DVI</td>
<td>CIM for DVI video output + USB for keyboard and mouse</td>
</tr>
<tr>
<td>MDCIM-HDMI</td>
<td>CIM for HDMI video output with HDMI Audio + USB for keyboard and mouse</td>
</tr>
<tr>
<td>MDCIM-DP</td>
<td>CIM for DP video output + USB for keyboard and mouse</td>
</tr>
</tbody>
</table>

### MDUTP VGA KVM COMBO CABLES

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDUTP20-VGA</td>
<td>2 meters cable, VGA + USB + Audio</td>
</tr>
<tr>
<td>MDUTP40-VGA</td>
<td>4 meters cable, VGA + USB + Audio</td>
</tr>
<tr>
<td>MDUTP60-VGA</td>
<td>6 meters cable, VGA + USB + Audio</td>
</tr>
<tr>
<td>MDUTP150-VGA</td>
<td>15 meters cable, VGA + USB + Audio</td>
</tr>
</tbody>
</table>

Visit [www.raritan.com/mcd](http://www.raritan.com/mcd) or Call 1.800.724.8090 for more information.