Section 12

LCD INTEGRATED KVM SWITCH - MODULAR

Modular LCD KVM Drawer

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>IKM017-BK</td>
<td>17” LCD Base Unit</td>
</tr>
<tr>
<td>IKM019-BK</td>
<td>19” LCD Base Unit</td>
</tr>
<tr>
<td>IW-EXT3</td>
<td>3 Year Warranty Upgrade</td>
</tr>
</tbody>
</table>

The 1RU 19” LCD integrated modular KVM switch is an ideal solution for server cabinets. The solution is purchased as a 17” or 19” LCD base unit and a separate selection of a KVM switch module which includes single port and IP KVM switch options.

KVM MODULE CODE | TYPE                                |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>IGMOO01</td>
<td>1 PC (USB+PS/2)</td>
</tr>
<tr>
<td>IUM108DC</td>
<td>8 PC (USB+PS/2)</td>
</tr>
<tr>
<td>IUM116DC</td>
<td>16 PC (USB+PS/2)</td>
</tr>
<tr>
<td>WUM108D</td>
<td>8 PC (USB/PS/2) + 5 IP Consoles</td>
</tr>
<tr>
<td>WUM116D</td>
<td>16 PC (USB/PS/2) + 5 IP Consoles</td>
</tr>
</tbody>
</table>

- USB Cables Included in KVM modules, PS/2 cables purchased separately

FEATURES
- Modularised KVM switch design
- KVM switch modules are available for PS/2, USB, or Sun interface in single, 8 and 16 port options
- Flip-open 17” and 19” LCD panel support resolution 1280x1024
- Manage computers with PS/2, USB or Sun interface
- For rack cabinet with depth from 20” (50cm) up (with appropriate rear bracket & extension kit)
- Rear bracket extension kit included
- Standard 19” 1RU rack drawer
- Ergonomic hand rest design
- Locking mechanism locks the drawer when pulled out, pushed in or folded down
- Full 105 key, low-profile, sturdy keyboard included
- Ultra sturdy, tilt-free, two-piece rear bracket and extension design
- Quick and easy installation.
- A universal C-36 connector for connection between console drawer and Integrated KVM switch module
- Supports Sun keyboard mapping and Mac keyboard mapping
- Touch pad with simulated wheel control
- 1 Year Warranty

WUM SERIES MODULE - IP FEATURES
- Up to 5 simultaneous remote users can access the same target computer
- Supports industry-standard networking and management protocols such as TCP/IP and SNMP
- Offers secure management options including SSL encryption, SSH tunneling and RADIUS authentication
- Platform independent - can be managed using any Java-enabled Web browser
- One remote management point for multiple computers
- Using optional Serial Supervisor Module (IPMI supported) with the R-Port to control up to 16 serial devices

OPTIONAL USB TYPE LENGTH
<table>
<thead>
<tr>
<th>SLIMLINE CABLES</th>
<th>TYPE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>KNVU-1</td>
<td>USB</td>
<td>1.8M</td>
</tr>
<tr>
<td>KNVU-3</td>
<td>USB</td>
<td>3M</td>
</tr>
<tr>
<td>KNVU-5</td>
<td>USB</td>
<td>5M</td>
</tr>
</tbody>
</table>

OPTIONAL PS/2 TYPE LENGTH
<table>
<thead>
<tr>
<th>SLIMLINE CABLES</th>
<th>TYPE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>KNVP-1</td>
<td>PS/2</td>
<td>1.8M</td>
</tr>
<tr>
<td>KNVP-3</td>
<td>PS/2</td>
<td>3M</td>
</tr>
<tr>
<td>KNVP-6</td>
<td>PS/2</td>
<td>6M</td>
</tr>
</tbody>
</table>
# LCD INTEGRATED KVM SWITCH - ALL-IN-ONE

## All-in-One Integrated LCD Hybrid KVM Drawer

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>IURA108</td>
<td>15” Screen 8 PC (USB+PS/2)</td>
</tr>
<tr>
<td>IURA116</td>
<td>15” Screen 16 PC (USB+PS/2)</td>
</tr>
<tr>
<td>IURA108-17</td>
<td>17” Screen 8 PC (USB+PS/2)</td>
</tr>
<tr>
<td>IURA116-17</td>
<td>17” Screen 16 PC (USB+PS/2)</td>
</tr>
<tr>
<td>IURA108-19</td>
<td>19” Screen 8 PC (USB+PS/2)</td>
</tr>
<tr>
<td>IURA116-19</td>
<td>19” Screen 16 PC (USB+PS/2)</td>
</tr>
<tr>
<td>IW-EXT3</td>
<td>3 Year Warranty Upgrade</td>
</tr>
</tbody>
</table>

The All-in-One integrated LCD KVM is the ultimate solution in computer management. With a keyboard, touchpad, TFT LCD panel and a KVM switch housed in an industry standard 19” 1RU height rack drawer, the integrated LCD KVM can be cascaded with other Rextron KVM switches to provide greater computer management. The integrated KVM is ideal for applications where space is a premium.

### FEATURES
- 8 port includes 8 x 1.8M 3-in-1 USB cable sets
- 16 port includes 12 x 1.8M & 4 x 3M 3-in-1 USB cable sets
- Rear bracket extension kit included
- Cascade configuration expands system capability
- Auto-scan automatically selects computers sequentially
- Supports Microsoft IntelliMouse (Pro)
- Assigns computers unique and meaningful names up to 14 characters
- Identifies and selects computers by the names
- Programmable scan filters unused computers
- Stores system settings and name entries to non-volatile memory
- Password security locks computer from unauthorised access
- Gain complete control with easy-to-use OSD interface
- Hotkey functions allow easy computer access
- Keyboard state automatically saved and restored when switching computers
- Operating system independent and transparent to all applications
- Plug n play system configuration
- Keyboard and mouse can be hot plugged at any time
- DDC2B compatible
- Supports optional multimedia module for microphones and stereo speakers
- Cascadable to 19” rack mountable PS/2 KVM switches
- 1 Year Warranty

*USB cables included, PS/2 cables purchased separately*
Section 12

CAT5E KVM SWITCHES

Single User Cat5E KVM Switch (IP Optional)

MODEL CODE  TYPE
AKS-008    1 user/8 Port
AKS-016    1 user/16 Port
AKS-032    1 user/32 Port

OPTIONAL
AKS-01P    PS/2 Cat5e dongle
AKS-01U    USB Cat5e dongle
AKIP-90    IP Module
AKS-150S   Remote Console 150 meter
AKS-300S   Remote Console 300 meter

FEATURES
• Supports both of USB and PS/2 server
• Three models available: 8-port (AKS-008), 16-port (AKS-016) and 32-port (AKS-032)
• Can be cascaded up to 2 levels to control more servers
• Each server can be up to 50 meters apart using CAT5 UTP cable with either
  USB dongle (AKS-01U) or PS/2 dongle (AKS-01P)
• Both dongles support the auto screen adjustment
• Easy switching via hotkey w/OSD, front touch pad w/LED and IR remote control
• Add a server at any time without interrupting other servers operation
• Both of USB and PS/2 keyboard/mouse are available for the console management
• Firmware upgradable via USB port
• Supports both of local console management and remote console
  (an optional module is required) management
• Optional: 2 remote console modules are available: 150 meters (AKS-150S) and
  300 meters (AKS-300S) (When remote console in use, local console ports inactive)
• Optional: IP module (AKIP-90) can be added to the unit, allowing the user
  to manage the servers from any where all around the world via TCP/IP internet

<table>
<thead>
<tr>
<th>Model Code</th>
<th>AKS-008</th>
<th>AKS-016</th>
<th>AKS-032</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Console</td>
<td>Monitor: HDD15F</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>PS/2 Keyboard: MiniDin6F</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>PS2 Mouse: MiniDin6F</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>USB Keyboard: Type A Male</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>USB Mouse: Type A Male</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>F/W Upgrade</td>
<td>USB upgrade:Type B Female</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>CPU Connector</td>
<td>System In: RJ45</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td>Remote Console</td>
<td>Extension Link: RJ45</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Control</td>
<td>Hotkey w/OSD, Touch Pad with LED and Remote Control</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video</td>
<td>1600x1200@60Hz Up To 300m (1000feet) (subject to cable and VGA signal quality)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>AC100~240V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage Temp.</td>
<td>-40°C<del>70°C (-40°F</del>158°F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>2500g</td>
<td>3700g</td>
<td>5500g</td>
</tr>
</tbody>
</table>
Digital IP KVM Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>UCIP-01C</td>
<td>1 PORT (USB+PS/2) + 5 IP Consoles</td>
</tr>
<tr>
<td>UCIP-04C</td>
<td>4 PORT (USB+PS/2) + 5 IP Consoles</td>
</tr>
<tr>
<td>UCIP-08C</td>
<td>8 PORT (USB+PS/2) + 5 IP Consoles</td>
</tr>
<tr>
<td>UCIP-16C</td>
<td>16 PORT (USB+PS/2) + 5 IP Consoles</td>
</tr>
</tbody>
</table>

**FEATURES**
- USB console for keyboard and mouse control
- RoHS compliant
- 16 bits color depth supports up to 65,536 colors
- Unique color depth supports different preferences
- Firmware online upgradable 24/7
- Custom certificate upload
- Flexible access sharing modes
- VNC screen encryption
- Internal firewall
- Supports industry-standard networking and management protocols such as TCP/IP and SNMP
- Offers secure management options including SSL encryption, SSH tunneling, and RADIUS authentication
- Platform independent: can be managed using any Java-enabled web browser.
- One remote management point for multiple computers

Digital IP KVM Switch / Dual KVM Switch

With the optional remote station unit (Console Unit) users can remotely locate the keyboard, mouse and monitor up to 300M away from a computer with the maximum resolution of UXGA (1600 x 1200), WUXGA (1920 x 1200).

Dual Console USB+PS/2 KVM Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>UENV2108DC</td>
<td>2 User/8 Port</td>
</tr>
<tr>
<td>UENV2116DC</td>
<td>2 User/16 Port</td>
</tr>
</tbody>
</table>

**FEATURES**
- Allows 2 users to share multiple computers in local & remote areas
- Supports USB keyboard and mouse
- Cascade configuration expands system capability
- 1U height form factor saves rack space
- Unique cables for secured connection
- Auto-scan function automatically selects computers sequentially
- Assigns computers individual names and identifies and selects them by chosen names
- Programmable scan filters unused computers
- Password security locks computer from unauthorized access
- Complete control with easy-to-use OSD interface
- Hotkey functions allow easy computer access
- Keyboard states automatically saved and restored
- Operating system independent and transparent to all applications
- Plug n play system configuration
- Video compensation can be adjusted by hotkey to ensure the optimum signal quality for any length of cable within the limit
Section 12

USB / PS/2 KVM SWITCHES

USB / PS/2 KVM Switch, USB Console

| MODEL CODE  | TYPE |\n|-------------|------|\n| UCNV104D    | 4 PC USB/PS/2, USB Console     |\n| UCNV108D    | 8 PC USB/PS/2, USB Console     |\n| UCNV116D    | 16 PC USB/PS/2, USB Console    |\n
- USB/VGA Cables Included
- Rackmount Kits Included with 8 and 16 port

<table>
<thead>
<tr>
<th>OPTIONAL SLIMLINE CABLES</th>
<th>TYPE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>KNVP-1</td>
<td>PS/2</td>
<td>1.8M</td>
</tr>
<tr>
<td>KNVP-3</td>
<td>PS/2</td>
<td>3M</td>
</tr>
<tr>
<td>KNVP-6</td>
<td>PS/2</td>
<td>6M</td>
</tr>
<tr>
<td>KNVU-1</td>
<td>USB</td>
<td>1.8M</td>
</tr>
<tr>
<td>KNVU-3</td>
<td>USB</td>
<td>3M</td>
</tr>
<tr>
<td>KNVU-5</td>
<td>USB</td>
<td>5M</td>
</tr>
</tbody>
</table>

Control 4, 8 or 16 computers from a single keyboard, PS/2 mouse and VGA monitor

2 Port Entry Level USB KVM Switch

| MODEL CODE  | TYPE |\n|-------------|------|\n| KUMH2       | 2 PC USB |\n| KUMH4       | 4 PC USB |\n
- USB / VGA 1.8M cables included

**FEATURES**
- Supports USB keyboard and mouse
- Keyboard and mouse emulation for error-free PC boot up
- Keyboard and mouse are hot pluggable
- Auto scan automatically selects computers sequentially
- Supports M/S IntelliMouse (Pro) Explorer, Optical
- Hot key and push button allow easy computer access
- Keyboard states automatically saved & restored
- Operating system independent, transparent to all applications
- High VGA resolution 1920 x 1440
- DDC2B compatible
- Power-free operation - the unit draws power from the attached PCs

2 Port Cable KVM Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>CONSOLE</th>
<th>COMPUTER</th>
</tr>
</thead>
</table>
| KNV2XC      | PS/2    | 2 x USB  |\n
- Cables built-in

**FEATURES**
- Ultra compact in size with cables already mounted on the switch
- A unique loop to secure the switch to your desktop or computer
- Computer selection by easy hot key commands
- Hot plug n play ensures easy setup and installation
- LED indicators for easy computer selection
- Advanced video enhancement technology for crisp clear VGA quality up to 1920 x 1440 with DDC2B
- Sync-Emu technology guarantees flawless computer switching and trouble-free PC boot up

---

KVM Switches
# USB / DVI KVM Switches

## USB KVM Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>KAG12 BK</td>
<td>2 PC USB</td>
</tr>
<tr>
<td>KAG14 BK</td>
<td>4 PC USB</td>
</tr>
</tbody>
</table>

- USB / VGA 1.8M cables included

**FEATURES**
- Manage PCs or Macs from a single monitor, USB keyboard & mouse
- Built-in USB hub
- Can be linked with other NovaView KVM switches
- Front panel push buttons for easy computer selection
- No drivers needed for keyboard and mouse operation
- Supports keyboard and mouse plug n play
- 1920 x 1440 VGA resolution
- Audible sound for computer switching confirmation
- Selectable scan time interval
- DDC2B compatible
- Auto-scan function automatically scans power-on PCs
- USB version 1.1 compliant
- USB self-powering operation
- USB/VGA cables included

## VGA USB KVM Switch with Audio

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>KAAG112 BK</td>
<td>2 PC USB w/mic &amp; speaker support</td>
</tr>
<tr>
<td>KAAG114 BK</td>
<td>4 PC USB w/mic &amp; speaker support</td>
</tr>
<tr>
<td>KADG122</td>
<td>2 PC USB w/mic &amp; speaker support Dual view monitor support</td>
</tr>
</tbody>
</table>

**FEATURES**
- USB console
- VGA with resolution up to 1600 x 1200 (UXGA), 1920 x 1200 (WUXGA)
- Microphone and speaker audio ports
- 2/4 computers share up to 4 USB peripherals (KB + MS + USB devices)
- Front panel push buttons for easy computer selection
- No drivers needed for keyboard and mouse operation
- Supports keyboard and mouse plug n play
- Activate auto-scan by holding down front buttons (available on 4-port)
- Hotkey functions allow easy computer access
- Supports Windows and Mac host systems

## DVI-I / USB KVM Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAG12 BK</td>
<td>2 PC USB</td>
</tr>
<tr>
<td>DAG14 BK</td>
<td>4 PC USB</td>
</tr>
</tbody>
</table>

**FEATURES**
- 2 or 4 computers share up to 3 or 4 different USB peripherals with DAG12 and DAG14 respectively
- Front panel push buttons for easy computer selection
- Supports keyboard and mouse plug n play
- DVI interface
- Active auto scan via front button
- Supports the DVI-I monitor
- USB self powering operation
- No software required

## DVI-I USB KVM Switch with Audio

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAAG112</td>
<td>2 PC USB w/mic &amp; speaker support</td>
</tr>
<tr>
<td>DAAG114</td>
<td>4 PC USB w/mic &amp; speaker support</td>
</tr>
<tr>
<td>DADG122</td>
<td>2 PC USB w/mic &amp; speaker support Dual view monitor support</td>
</tr>
<tr>
<td>DADG124</td>
<td>4 PC USB w/mic &amp; speaker support Dual view monitor support</td>
</tr>
</tbody>
</table>

**FEATURES**
- USB console
- DVI single link video with resolution up to 1600 x 1200 (UXGA), 1920 x 1200 (WUXGA)
- Microphone and speaker audio ports
- 2/4 computers share up to 4 different USB peripherals (KB + MS + USB devices)
- Unique tracking system enables the USB (or audio) devices to operate independently
- Front panel push buttons for easy computer selection
- No drivers needed for keyboard and mouse operation
- Buzzer sound for computer switching confirmation
- Hotkey functions allow easy computer access
- Supports Windows and Mac host systems
Section 12

CONSOLE EXTENDERS

Dual View Full HD KVM Cat5 Extender

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXXC2022C</td>
<td>Video &amp; USB Extender</td>
</tr>
</tbody>
</table>

The video extender pair enables you to transmit VGA signals up to 150M (500ft.) away with a resolution of up to 1024 x 768. Common mode noise suppression circuits transmit superb quality Video signals via CAT5 cables.

FEATURES
- Connect via Category 5 / 5e / 6 UTP cable
- Dual view function which can split your window
- Remotely locate the keyboard, mouse and monitor up to 300 meters
- High video resolution up to 1920 x 1200 (WUXGA), 1920 x 1080 (Full HD)
- USB console
- Surge protection
- HID standard keys
- Equalizer (sharpness) / gain (brightness) adjustment via hotkeys
- Unique design for convenient RGB skew adjustment via hotkeys
- Dedicated Mask Hotkey function to enable the direct control of cascading
- One console can manage one or two computers locally and remotely
- Compatible with XGA, UXGA, WUXGA system

Full HD VGA & Audio Cat5 Extender

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXVA220</td>
<td>Full HD video + audio extender kit</td>
</tr>
</tbody>
</table>

Full HD VGA + audio 200M Cat5e extender
Includes EXVA-220R receiver & EVA-12L transmitter

FEATURES
- Transmits VGA+audio signals via CAT5 cable up to 300M away or up to 600M with a repeater unit in between
- Supports the maximum resolution up to Full HD 1080p (1920 x 1080)/ WUXGA (1920 x 1200)
- Unique equalizer (sharpness)/gain (brightness) and RGB skew adjustment via built-in jog wheel
- Independently turn ON/OFF the video & audio of local ports respectively (8 levels of fine tuning available for audio volume adjustment)
- EDID copy function
- Automatically detects and indicates source video signal
- LED indication
- Supports surge protection
Full HD KVM Cat5 Console Extender

MODEL CODE  TYPE
EXC2022C  USB Console - USB or PS/2 PC

• USB / VGA cables included

FEATURES
• Remotely locates keyboard, mouse & monitor up to 200M from a computer
• USB console ports, compatible with USB hub
• Surge protection built in
• Equalizer/gain adjustment via hotkeys for optimal video quality
• Compatible with WUXGA, UXGA, XGA, VGA, SVGA

OPTIONAL PS/2 CABLES
<table>
<thead>
<tr>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>KNVP-1</td>
</tr>
<tr>
<td>KNVP-3</td>
</tr>
<tr>
<td>KNVP-6</td>
</tr>
</tbody>
</table>

KVM Cat5 Console Extender

MODEL CODE  TYPE
EKU222C BK  PS/2 Console - USB / PS/2 PC
EUC222     USB Console - USB / PS/2 PC

• USB / VGA cables included

FEATURES
• Remotely locates keyboard, mouse & monitor up to 150M from a computer
• Max Resolution: 1024 x 768 at 150M, 1280 x 1024 @ 100M
• USB-ready and PS/2 compatible using optional cables for flexible choice
• Video compensation can be adjusted via hotkeys to ensure the optimum signal quality for any length of cable within the limit
• Allows one console to manage two computers locally and remotely
• Compatible with XGA, VGA and SVGA

OPTIONAL PS/2 CABLES
<table>
<thead>
<tr>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>KNVP-1</td>
</tr>
<tr>
<td>KNVP-3</td>
</tr>
<tr>
<td>KNVP-6</td>
</tr>
</tbody>
</table>