## ECONOMICAL, JAVA-FREE KVM-OVER-IP AND SERIAL ACCESS FOR SMBs

Raritan's Dominion LX II KVM-over-IP switches give one or two remote users and one local user, Java-free, BIOS-level access and control of 8 or 16 servers (expandable to 256 servers with tiering), and virtual media. Three LX II switch models and three integrated switch / LCD drawer combination models support 8 or 16 KVM ports, 1-2 remote users, 1 local user and up to 8 serial ports.

LX II appliances, designed for small to midsize businesses (SMBs), support a wide variety of computer and serial devices with VGA, DVI, HDMI, USB-C and DisplayPort video. Productive, KVM-over-IP connections up to 15 frames-per-second with video resolutions up to 1080p and 1200p are supported for digital and analog video.

### BENEFITS

- Economical, reliable and secure remote access and management
- Anytime/anywhere, Java-free, browser-based remote access
- Manage and maintain equipment without travel
- Remote software installation, booting and diagnostics
- Multi-vendor support for diverse computer and network devices

### WHAT'S NEW? NEXT GENERATION ADVANTAGES

Raritan's Dominion LX II replaces the original Dominion LX, introduced in 2011, with an all-new hardware and software platform. The LX II has significant advancements over the previous generation including:

- **Java-free** KVM-over-IP and optional Serial access and control
- Manages up to eight serial devices via DSAM accessories
- Enhanced security with secure TLS web browser access
- All new, modern hardware, video and software platform
- Three Integrated Switch / LCD drawer models (available 2Q 2020)

### CUSTOMERS

- IT Administrators
- Data Center and Lab Managers
- Network Administrators

### APPLICATIONS

- Small and Medium Business (SMB)
- Labs, small racks and server rooms
- Remote offices and facilities, retail
- Applications with KVM and Serial
- Replace old, Java-based KVM switches

### FEATURES

- Java-free, BIOS-level, IP remote access
- One or two remote users. One local user. 8 or 16 KVM ports. Up to 8 serial ports.
- Integrated Switch / LCD drawer models
- Single power supply & LAN port
- VGA, DVI, HDMI, USB-C and DisplayPort
- Second generation platform with 1080p and 1200p video at 15 frames/second
- Universal Virtual Media™
- Absolute Mouse Synchronization™
- Manage up to 8 serial devices (DSAM)
- VGA/USB Local port
- RADIUS, LDAP and Active Directory
- Tiering support up to 256 servers

# ECONOMICAL REMOTE MANAGEMENT FOR SMBs

## POPULAR DOMINION FEATURES

- VGA, DVI, HDMI, USB-C and DisplayPort

- Virtual Media to remotely install software, run diagnostics and boot

- Absolute Mouse Synchronization to automate server mouse configuration

- PC Share access by up to 8 users

- RADIUS, LDAP and Active Directory

- Secure TLS and AES encryption

- Multi-vendor, multi-platform, multi-OS

## OPTIONAL SERIAL ACCESS WITH DSAM

- Manage 2, 4, 6 or 8 serial devices such as LAN switches, routers, Linux servers

- Two and four port serial modules

- Full featured serial over IP access

- Auto DCE/DTE — no rollover cables!

- Zero-U, Connects to LX II USB port

- Powered from the LX II switch.

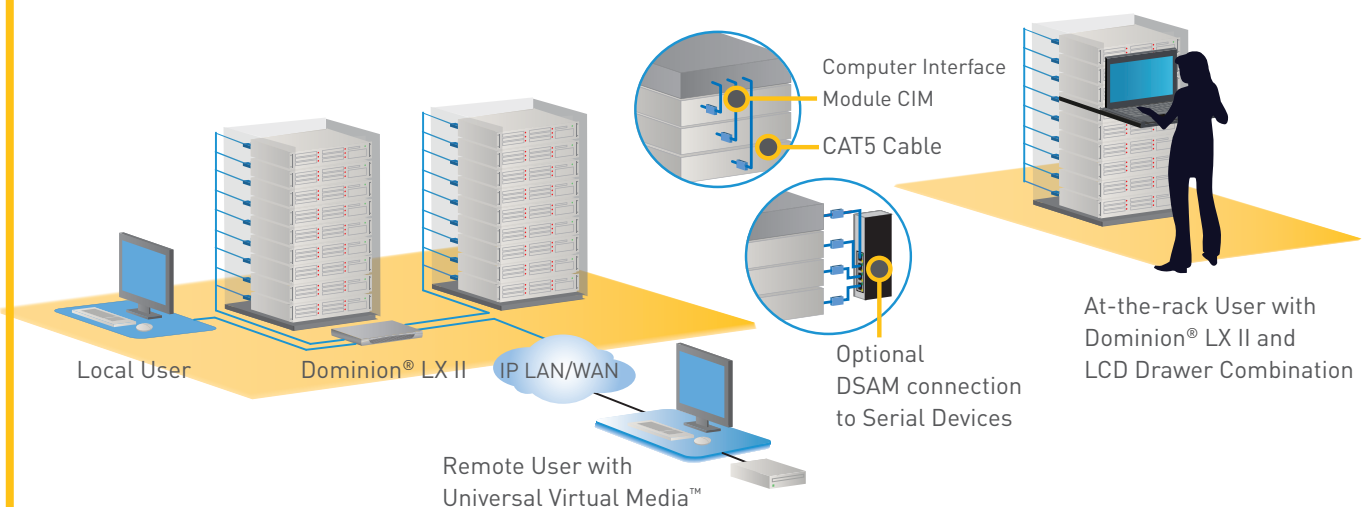- Does not use any LX II KVM ports

## JAVA-FREE KVM/SERIAL ACCESS

- Productive, Java-free HTML5 User Interface

- User configurable for LAN, WAN and Internet

- Three KVM Client Software alternatives

  - Java-free, HTML5-based HKC

  - Microsoft Windows .NET-based AKC

  - Java-based VKCS

- External telephone and cellular modem access

- Apple iPhone/iPad Access and Control

## COMPATIBILITY INFORMATION

- No Support for Raritan CommandCenter, Dominion User Station or MCUTP cables

- Single LAN port, single power supply

- Does not support many advanced features of the Dominion KX III and KX IV switches:

  - SmartCard, FIPS 140-2, audio, blade servers, remote power control, IP access control, SDK/API, autoscan, etc.

  - Check documentation for more info
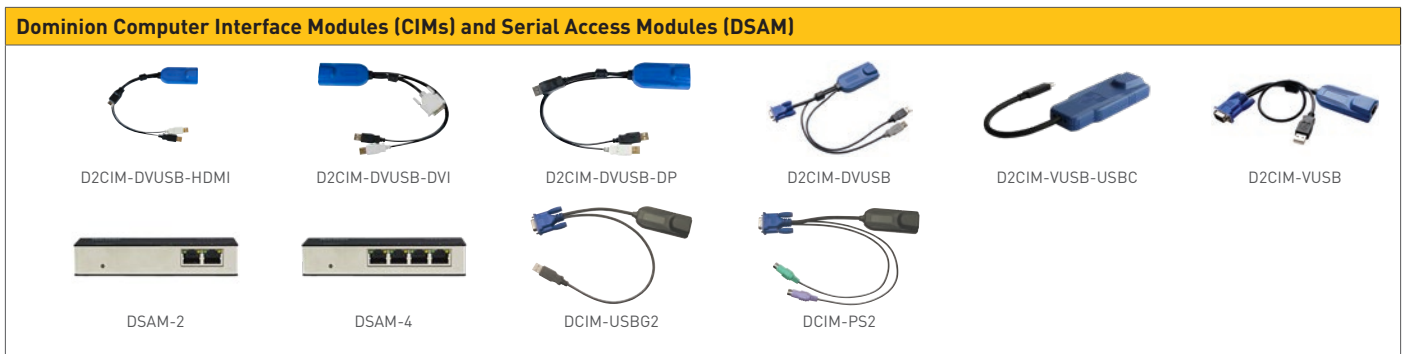
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## Dominion® LX II Configuration

Computer Interface Module CIM

CAT5 Cable

Optional DSAM connection to Serial Devices

At-the-rack User with Dominion® LX II and LCD Drawer Combination

Local User

Dominion® LX II

IP LAN/WAN

Remote User with Universal Virtual Media™

# DOMINION® LX II SWITCH SPECIFICATIONS

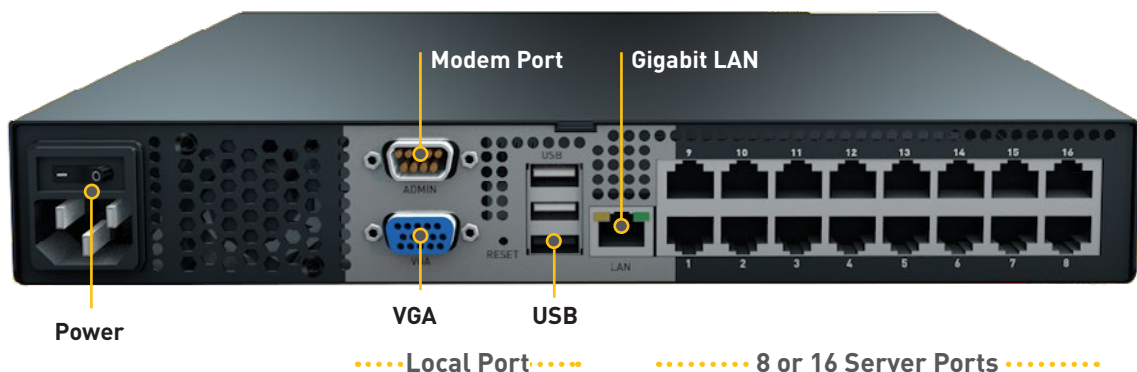| LX II Model | Description | Product Information | Environmentals |
|---|---|---|---|
| DLX2-108 | Affordable 8-port KVM-over-IP switch, 1 remote and 1 local user, virtual media, single power and single LAN | 11.45" x 10.63" x 1.73"; 291mm x 270mm x 44mm; 8.82lbs; 4.0kg Single power 100-240V AC, 50-60Hz, 0.5A, 30 watts, 25.794 kcal/h | Operating Temperature: 0–40°C (32°–104° F) Humidity: 2%–85% RH |
| DLX2-116 | Affordable 16-port KVM-over-IP switch, 1 remote and 1 local user, virtual media, single power and single LAN | | |
| DLX2-216 | Affordable 16-port KVM-over-IP switch, 2 remote and 1 local user, virtual media, single power and single LAN | | |

| Hardware Supported | |
|---|---|
| Form Factor | 1U, rack mountable (brackets included) |
| Local Access Ports | VGA local video output port. Three USB-A ports for keyboard and mouse |
| Sample Video Resolutions | 1024x768, 1280x1024, 1440x900, 1680x1050, 1600x1200, 1920x1080, 1920x1200 |
| Remote Connection | |
| Ports | 8 (DLX2-108) or 16 (DLX2-116, DLX2-216) |
| Users | Local user; 1 or 2 remote users (model dependent) |
| Network | Single 10/100/1000 gigabit Ethernet access, dual stack: IPv4 and IPv6 |
| Protcols | TCP/IP; HTTP: HTTPs; UDP; RADIUS; SNMP; DHCP; PAP; CHAP |

## COMPUTER AND SERIAL INTERFACE MODULES

| CIMs and DSAMs | Description |
|---|---|
| Dominion CIMs | Available for VGA, DVI, HDMI, DisplayPort, USB-C, Dual USB, USB, Universal Virtual Media/Absolute Mouse Synchronization, PS2, Sun, Serial Devices |
| Dominion Serial Access Modules (DSAM) | 2 and 4 port modules with true serial access to 2 or 4 serial devices. One or two zero-U devices that connect to LX II via USB. Doesn't require a power adapter or use LX II ports. No rollover cables required. |

**Dominion Computer Interface Modules (CIMs) and Serial Access Modules (DSAM)**



D2CIM-DVUSB-HDMI  D2CIM-DVUSB-DVI  D2CIM-DVUSB-DP  D2CIM-DVUSB  D2CIM-VUSB-USBC  D2CIM-VUSB

DSAM-2  DSAM-4  DCIM-USBG2  DCIM-PS2

## KVM SWITCH PORTS AND CONNECTIONS



Modem Port   Gigabit LAN

Power

VGA   USB

······Local Port······   ·········8 or 16 Server Ports·········

# DOMINION® LX II INTEGRATED SWITCH/LCD SPECIFICATIONS*

## KVM SWITCH SPECIFICATIONS (LX II BASED)

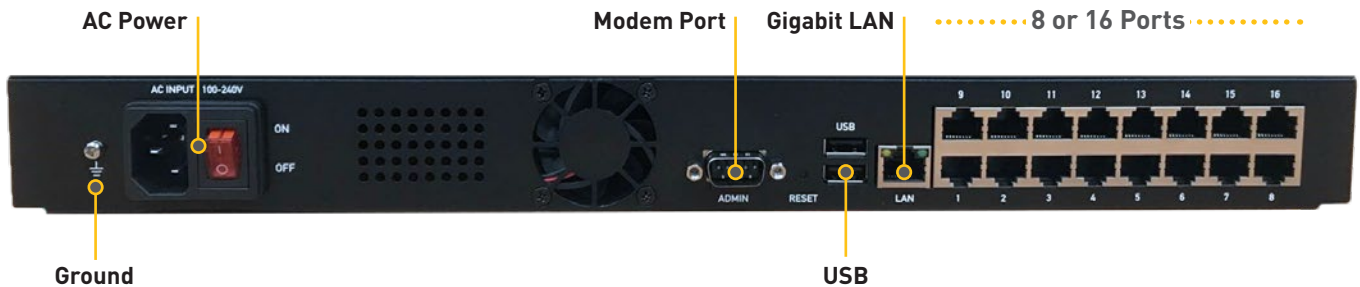| Models | Console Drawer KVM Switch (LX2-LED) Specifications | Dimension (W x D x H) | Weight | Maximum Input Power Rating/Power Consumption |
|---|---|---|---|---|
| DLX2-108-LED | 1 User, 8 Ports, 256 Managed Servers (Cascaded), 1920 x 1080@60Hz (VGA) Video Resolution, > 30,000 Hours MTBF | 481 x 571 x 43.9mm | 11.15 kg | AC100-240V, 1.5A; DC12V/5.42A (65W) |
| DLX2-116-LED | 1 User, 16 Ports, 256 Managed Servers (Cascaded), 1920 x 1080@60Hz (VGA) Video Resolution, > 30,000 Hours MTBF | 481 x 571 x 43.9mm | 12 kg | AC100-240V, 1.5A; DC12V/5.42A (65W) |
| DLX2-216-LED | 2 Users, 16 Ports, 256 Managed Servers (Cascaded), 1920 x 1080@60Hz (VGA) Video Resolution, > 30,000 Hours MTBF | 481 x 571 x 43.9mm | 12 kg | AC100-240V, 1.5A; DC12V/5.42A (65W) |

*\* Features and specifications subject to change. Available in later in 2020.*

## LCD CONSOLE DRAWER SPECIFICATIONS (T1700-LED BASED)

| Models | Console Draw LCD (LX2-LED) Specifications | Supported Colors | Brightness | Contrast Ratio |
|---|---|---|---|---|
| DLX2-108-LED DLX2-116-LED DLX2-216-LED | 17.3" TFT LCD with LED backlight unit, 0.1989 (H) x 0.1989 (V) mm pixel pitch, 1920 x 1080@60Hz (Full HD 1080P) max resolution, 15,000 Hours MTBF | 262,144 | 300 Nits | 650:01:00 |

## INTEGRATED KVM SWITCH/LCD COMBO PORTS AND CONNECTIONS
### DLX2-XXX-LED DIAGRAM



AC Power · Modem Port · Gigabit LAN · 8 or 16 Ports · Ground · USB

*\* Note: only one DSAM module can be connected to the DLX2-xxx-LED models.*

### ENDORSER OF THE EU CODE OF CONDUCT ON DATA CENTRE ENERGY EFFICIENCY

Formulated by the EU's Joint Research Centre, the Code is a measured response to the energy challenges the EU faces. It's aim is to encourage companies with data centers to reduce energy consumption while ensuring business objectives continue to be met.

As an endorser, Raritan have pledged to implement the Code's ethos through devising products and services that help organizations to bring their data centers into line with its best practice recommendations.

# Visit www.raritan.eu for more information.

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