



## Dominion KX III Series

Enterprise-class KVM-over-IP switch with secure, high performance remote access and Digital Local Port

### Key Benefits

- ▶ Increased MTTR & Uptime
- ▶ Avoid travel
- ▶ Increased productivity
- ▶ Increased security

### Key Features

- ▶ BIOS Level Remote Access and Control
- ▶ Blazing, High Performance Audio and Video
- ▶ Virtual Media
- ▶ Digital and Analog Video
- ▶ Military Grade Security
- ▶ Mobile Access
- ▶ Redundancy for Reliability
- ▶ Remote Power Control
- ▶ CommandCenter Secure Gateway Integration

## High Performance KVM-over-IP Solution

**From Computer Rooms, Test Labs, Studios, and Branch Offices to the Largest Enterprise Deployments, it's KVM-over-IP for the high performance remote access you need.**

The Dominion KX III is an enterprise-class, secure, KVM-over-IP switch that provides 1, 2, 4 or 8 users with remote BIOS-level control of 8 to 64 servers. With higher performance and enhanced reliability, the Dominion KX III outperforms the competition. KX III comes with standard features such as DVI/HDMI/DisplayPort digital and analog video, audio, virtual media, smart card/CAC, blade server support, and mobile access. Deploy individually, or with Raritan's CommandCenter Secure Gateway (CC-SG).

### IT, Data Centers and Labs

The Dominion KX III includes the features needed to eliminate trips to the data center. Raritan's Universal Virtual Media lets administrators remotely perform tasks such as installing software, transferring files and backing up data. Customers can control and manage servers on-the-go via their Apple iPhones and iPads, through Raritan's CommandCenter Secure Gateway.

### Broadcast and Entertainment

Dominion KX III provides high performance KVM-over-IP access for broadcast, entertainment and other dynamic applications requiring high speed video quality and response anytime/anywhere.

The KX III's next generation video processing engine supports a broad range of applications, from traditional computer applications to the most dynamic broadcast applications that require 1920x1080 resolution, 24 bit color, digital audio, dual monitors and DVI, HDMI, DisplayPort and VGA video. View streaming 1080p video at 30 frames per second over your LAN!

### Military Grade Security and Reliability

Raritan's KVM-over-IP products meet U.S. and Canadian government security mandates and are widely used by military and government agencies. As the most secure KVM-over-IP switch, the Dominion KX III includes a FIPS 140-2 certified cryptographic module, smart-card/CAC authentication, and IPv6. And with dual power supplies and dual gigabit Ethernet ports, the Dominion KX III is the most reliable and secure digital KVM switch in the industry.



# High Performance IP Remote Access

## Supports High Performance Video Applications

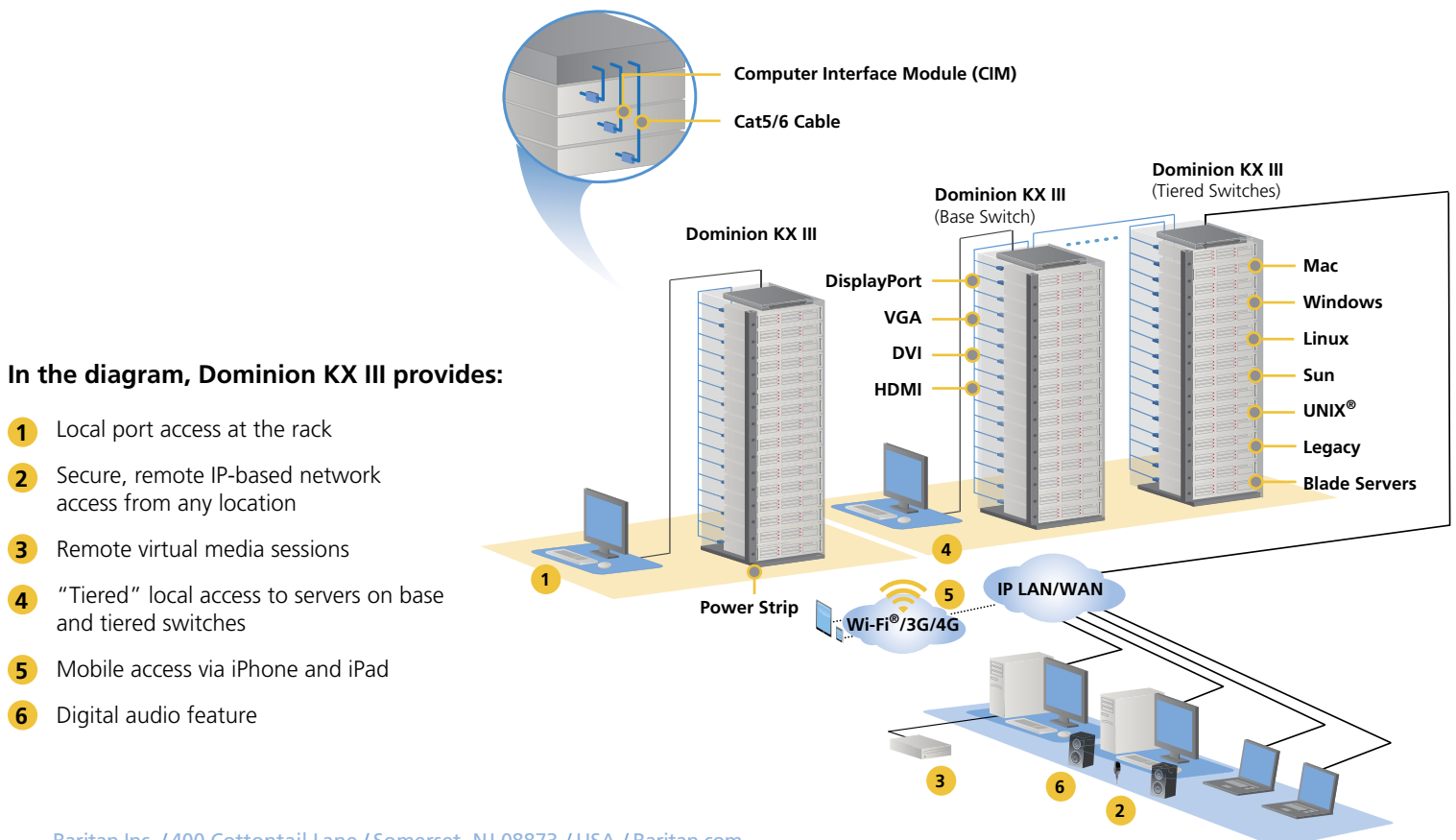
- ▶ Broadcast, entertainment and gaming
- ▶ Military and government
- ▶ Security and surveillance
- ▶ Scientific, aviation, weather, transportation
- ▶ Industrial, manufacturing and factory
- ▶ Command & control, operations centers

## Connect easily and quickly from anywhere

- ▶ True, anytime/anywhere, high performance remote and local access
- ▶ Connect via LAN, WAN, modem or Internet
- ▶ CommandCenter management or standalone
- ▶ Mobile KVM-over-IP access via iPhone and iPad
- ▶ External modem for emergency access
- ▶ Native Windows and Java clients support Windows, Linux, Sun and Mac users
- ▶ Multi-browser access for Internet Explorer and Firefox access

## Complete and total access and control

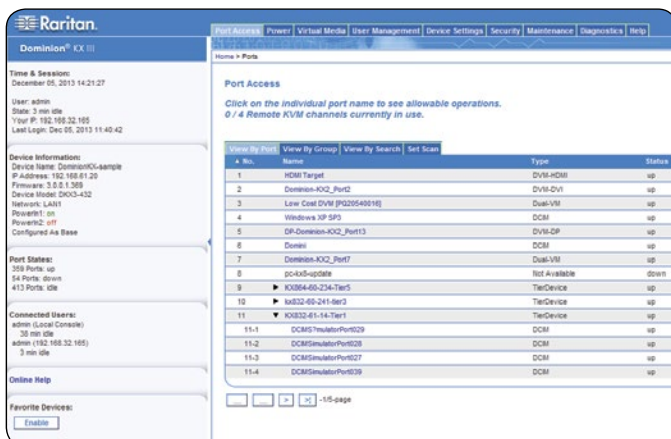
- ▶ Browser-based, BIOS level access and control
- ▶ Universal Virtual media to remotely install OS, load software, transfer files and backup data
- ▶ Includes DVD/CD-ROMs, USB mass storage devices, PC hard drives, floppy drives, and ISO images
- ▶ Remote power control with optional PX rack PDUs
- ▶ Fastest, tightest mouse synchronization without changing server mouse settings
- ▶ Play and record digital audio
- ▶ Chinese and Japanese language support



# Secure, Reliable, Powerful, and Dependable

## Military Grade Security & Reliability

- ▶ Uses FIPS 140-2-certified cryptographic module
- ▶ Smart card / CAC authentication – local and remote
- ▶ 256-bit AES or 128-bit RC4 encryption
- ▶ Dual power supplies and Gigabit Ethernet with failover
- ▶ All data encrypted, including video transmissions and virtual media
- ▶ Secure Linux-based appliance
- ▶ Local or centralized authentication with LDAP, RADIUS or Active Directory support
- ▶ Dual-stack networking: IPv4 and IPv6
- ▶ Configurable user and group permissions
- ▶ User-configurable TCP ports
- ▶ Supports strong password protection
- ▶ Customizable security banner
- ▶ Can upload customer's digital security certificate
- ▶ SNMP v2 and v3 management. Syslog.



## Optimized for High Performance Applications

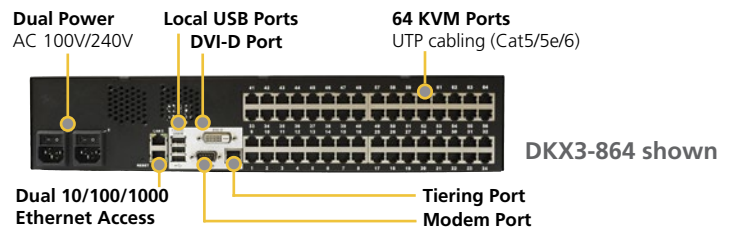
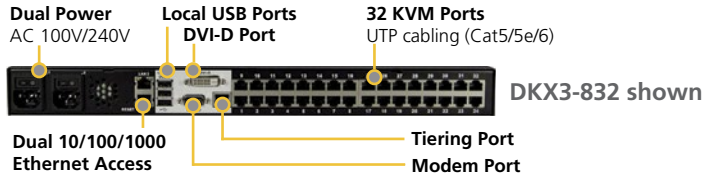
- ▶ 1920x1080 HD Analog & Digital video
- ▶ Up to 30 FPS HD Video with Audio
- ▶ DVI Digital Local Port provides fast GUI performance
- ▶ High quality video with low bandwidth utilization
- ▶ Full-screen video display and flexible video scaling
- ▶ Dual monitor support
- ▶ Dual video cards with extended desktop
- ▶ Supports 1920x1080 and 1600x1200 remote video resolutions, including widescreen formats
- ▶ High (24-bit) color palette support



## A flexible and scalable solution

- ▶ Highest port density in the industry — models available with 8, 16, 32, and 64 ports
- ▶ 1, 2, 4, or 8 remote KVM-over-IP channels
- ▶ Platform Independent — CIMs available for PS/2, USB, USB with virtual media, Sun and Sun USB
- ▶ CIMs supporting analog VGA video, digital DVI, HDMI, and DisplayPort Video
- ▶ Support for Dell, HP, Cisco, and IBM blade servers
- ▶ Tiering support for up to 1024 servers
- ▶ Scales to thousands of servers with Raritan's CommandCenter

# Specifications



Dominion KX III Model	Description	Dimensions (WxDxH)	Weight	Power and Heat Dissipation
<b>DKX3-864</b>	64 server ports, 8 remote users, 1 local port for use at the rack	17.3" x 13.3" x 3.5"; 440mm x 338mm x 88mm	12.39 lbs; 5.62 kg	Dual Power 110V/240V, 50-60Hz 1.8A 60W 52 KCAL
<b>DKX3-832</b>	32 server ports, 8 remote users, 1 local port for use at the rack	17.3" x 13.15" x 1.73"; 440mm x 334mm x 44mm	9.96 lbs; 4.52 kg	
<b>DKX3-808</b>	8 server ports, 8 remote users, 1 local port for use at the rack			
<b>DKX3-464</b>	64 server ports, 4 remote users, 1 local port for use at the rack	17.3" x 13.3" x 3.5"; 440mm x 338mm x 88mm	12.39 lbs; 5.62 kg	
<b>DKX3-432</b>	32 server ports, 4 remote users, 1 local port for use at the rack	17.3" x 13.15" x 1.73"; 440mm x 334mm x 44mm	9.08 lbs; 4.12 kg	
<b>DKX3-416</b>	16 server ports, 4 remote users, 1 local port for use at the rack			
<b>DKX3-232</b>	32 server ports, 2 remote users, 1 local port for use at the rack			
<b>DKX3-216</b>	16 server ports, 2 remote users, 1 local port for use at the rack			
<b>DKX3-132</b>	32 server ports, 1 remote user, 1 local port for use at the rack			
<b>DKX3-116</b>	16 server ports, 1 remote user, 1 local port for use at the rack			
<b>DKX3-108</b>	8 server ports, 1 remote user, 1 local port for use at the rack		8.60 lbs; 3.9 kg	

## Computer Interface Modules (CIMs)

<b>D2CIM-DVUSB</b> – Dual USB, VGA CIM for BIOS virtual media and advanced features	<b>D2CIM-DVUSB-DVI</b> – Dual USB, DVI-D CIM for BIOS virtual media and advanced features
<b>D2CIM-VUSB</b> – USB CIM for virtual media and Absolute Mouse Synchronization	<b>D2CIM-DVUSB-HDMI</b> – Dual USB, HDMI CIM for BIOS virtual media and advanced features
<b>DCIM-PS2</b> – CIM for PS/2	<b>D2CIM-DVUSB-DP</b> – Dual USB, DisplayPort CIM for BIOS virtual media and advanced features
<b>DCIM-SUN</b> – CIM for Sun	<b>D2CIM-PWR</b> – CIM for remote power management
<b>DCIM-USBG2</b> – CIM for USB and Sun USB	<b>P2CIM-SER</b> – CIM for serial (ASCII) devices

## Specifications for All Dominion KX III Models

<b>Form Factor</b>	1U and 2U full width, rack mountable (brackets included)
<b>Operating Temperature</b>	0° - 45° C (32° - 113° F)
<b>Humidity</b>	0% - 85% RH
<b>Remote Connection</b>	Network: Dual 10/100/1000 gigabit Ethernet access; dual-stack: IPv4 and IPv6 Modem Port: DB9(F) DTE Protocols: TCP/IP, HTTP, HTTPS, UDP, RADIUS, SNTP, DHCP, PAP, CHAP, LDAP, SNMP v2 and v3
<b>Local Access Port</b>	Video: DVI-D (F) Keyboard/Mouse: USB(F), 1 USB front, 3 USB rear Tiering Port: RJ45
<b>Sample Video Resolutions</b>	PC text mode: 640x350, 640x480, 720x400 PC graphic mode: 640x480, 800x600, 1024x768, 1152x864, 1280x1024, 1440x900, 1680x1050, 1600x1200, 1920x1080 Sun video mode: 1024x768, 1152x864, 1152x900, 1280x1024
<b>Warranty</b>	Two years standard with advanced replacement*



**D2CIM-DVUSB-DP**



**D2CIM-DVUSB-HDMI**



**D2CIM-VUSB**



**D2CIM-DVUSB-DVI**



**DCIM-PS2**



**D2CIM-DVUSB**

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\*To qualify for advanced replacement under the standard warranty, you must register the product at <http://www.raritan.com/support/product-warranty-registration>  
Specifications are subject to change without notice.