



## Dominion KSX II Series

A powerful combination of remote KVM and Serial access in one box

### KSX2-144

– 4 Serial Ports and 4 KVM Ports

### KSX2-188

– 8 Serial Ports and 8 KVM Ports

## Remote Office Management KVM and Serial access in one box

### The Dominion KSX II difference

Dominion KSX II is an integrated, hardware-based solution that offers you secure, remote KVM (Keyboard, Video and Mouse) access, serial device management and power control across your remote branch locations. With Dominion KSX II, you'll enjoy improved ROI, ease of use, scalability and security in a single 1U form factor.

Unlike other remote control software solutions, Dominion KSX II provides:

- ▶ One consolidated view of all IT equipment connected to the KSX II at branch office locations
- ▶ A single, platform-independent solution offering centralized, integrated and secure control
- ▶ BIOS-level control of KVM equipment and console-level control of serial devices
- ▶ Virtual Media, giving users the ability to transfer files for patches and upgrades from any location, speeding up the upgrade process and reducing travel costs
- ▶ Absolute Mouse Synchronization™, which reduces installation time and sets a new standard for mouse synchronization
- ▶ Network-independent access via a built-in modem for emergency access even when the network is unavailable

### Secure, remote, out-of-band access and power control of up to 16 servers and other network devices over IP

Raritan's Dominion KSX II is designed specifically to make the management of your IT infrastructure at branch locations faster, easier, simpler and more cost-effective. This innovative device combines secure console-level access and cold-start power control (when used with the Dominion PX) of everything in your remote server rooms. This means that from anywhere you access the Web, you can directly access, troubleshoot and even reboot all of your remote equipment, including:

- ▶ Application Servers
- ▶ Serial IT Equipment
- ▶ Security Interfaces
- ▶ File/Print Servers
- ▶ Switches
- ▶ Domain Servers
- ▶ Headless Servers
- ▶ Routers
- ▶ Load Balancers
- ▶ Network Appliances
- ▶ Firewalls
- ▶ Environmental Control

### Simplified remote device management

Smart engineering translates into ease of use with:

- ▶ A single, consolidated view of all servers and other IT devices from one screen via a Web browser or CommandCenter® Secure Gateway, Raritan's centralized management solution. No additional software is required.

# Anytime, anywhere access and control

- ▶ A single sign-on and single interface, providing easy access to servers and other IT devices
- ▶ Virtual Media for remote file transfers
- ▶ Point-and-click or command-line control of devices
- ▶ Secure, centralized monitoring and notification
- ▶ A built-in modem for emergency access in the event of a network outage
- ▶ Local user console for direct analog access to KVM and Serial devices
- ▶ Easy plug-and-play installation and operation
- ▶ Convenient flash upgrades

## Performance

Dominion KSX II includes all of the features you need for superior performance:

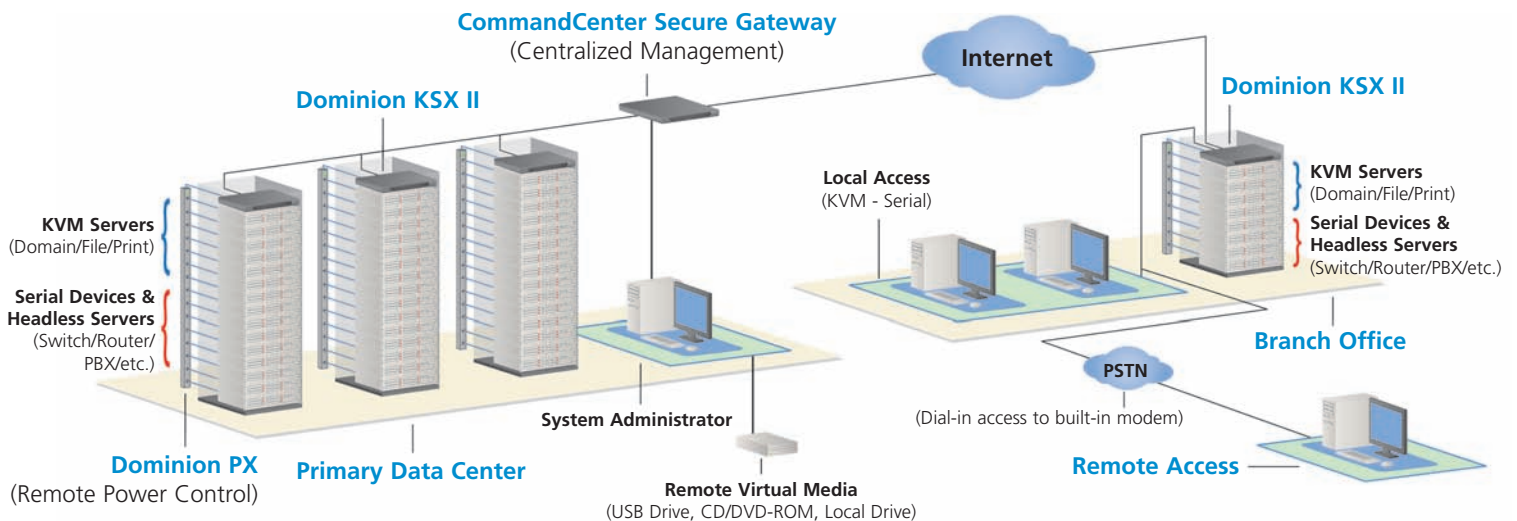
- ▶ High performance over low bandwidth connections, including modem, wireless, cable, DSL and fractional T1

- ▶ Industry-leading KVM-over-IP technology provides high-quality video with low bandwidth utilization
- ▶ Absolute Mouse Synchronization that reduces latency, the tedious wait for key strokes and mouse movements to catch up with your commands
- ▶ Built-in serial port buffering to provide views of recent-console history, assistance in debugging and, ultimately, reduced downtime

## Security

Dominion KSX II provides bulletproof security via:

- ▶ Up to 256-bit AES encryption, SSL 128-bit RSA public key encryption and 128-bit RC4 private key encryption
- ▶ User authentication with RADIUS and LDAP support
- ▶ Strong password settings (enforce character length, special characters and lockout)
- ▶ User event logging
- ▶ Ability to deactivate modem



# Secure console level management and power control

## Return On Investment

Dominion KSX II pays for itself quickly by:

- ▶ Reducing costly administration of on-call labor and outsourced service providers
- ▶ Slashing expensive downtime by providing BIOS-level and network-independent access in emergencies
- ▶ Eliminating expensive and inconvenient travel to remote locations
- ▶ Leveraging the centralized expertise of IT managers, regardless of their locations
- ▶ Replacing multiple software solutions with one single hardware solution, increasing efficiency and saving valuable IT staff time

## Features

- ▶ Plug-and-play – no third-party software required
- ▶ Virtual Media (CD/DVD ROM, USB drive, local drive, ISO image files)
- ▶ Absolute Mouse Synchronization™
- ▶ Multiplatform PS/2, Sun™ and USB server support
- ▶ Local serial admin port (RS232)
- ▶ Local KVM admin port
- ▶ 256-bit AES encryption
- ▶ KVM console ports – choose from four or eight
- ▶ Serial ports – choose from four or eight
- ▶ Two dedicated power control ports
- ▶ Dual Gigabit Ethernet ports with failover
- ▶ 1600 x 1200 video resolution
- ▶ Built-in modem
- ▶ 1U rack mountable
- ▶ 256 Kb Serial Data Buffer per port
- ▶ CommandCenter Certified

## Anytime, Anywhere Access and Control

Port Number	Port Name	Port Type	Status	Availability
1	Win Target1	VM	up	idle
2	Dominion_KSX2_Port2	Not Available	down	idle
3	Dominion_KSX2_Port3	Not Available	down	idle
4	KSX-G2 Admin	VM	up	idle
5	Dominion_KSX2_Port5	Not Available	down	idle
6	Dominion_KSX2_Port6	Not Available	down	idle
7	Dominion_KSX2_Port7	Not Available	down	idle
8	Dominion_KSX2_Port8	Not Available	down	idle
9	Cisco 2501	Serial	up	idle
10	SP-2	Serial	up	idle
11	Serial Port 3	Serial	up	idle
12	Serial Port 4	Serial	up	idle
13	SP - 5	Serial	up	idle
14	Serial Port 6	Serial	up	idle
15	Serial Port 7	Serial	up	idle
16	Serial Port 8	Serial	up	idle

## One Consolidated View

A single sign-on and single interface provides one consolidated view of all servers and IT devices at each remote office:

- ▶ No additional software is required
- ▶ Simple point-and-click management
- ▶ Single, fail-safe solution

Raritan provides secure IT infrastructure management solutions that increase data center efficiency and productivity by delivering integrated in-band and out-of-band server access, control and power management. Raritan's KVM, serial console and intelligent PDU products are in use at over 50,000 locations worldwide. Raritan's OEM division provides embedded hardware and firmware for server and client management, including KVM over IP, IPMI, intelligent power management and other industry standards-based management applications.

Based in Somerset, N.J., Raritan has 38 offices worldwide, serving 76 countries. For more information, please visit [Raritan.com](http://Raritan.com)

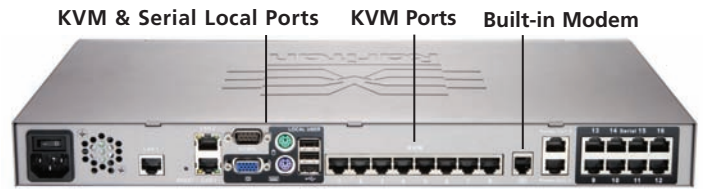
[Raritan / 400 Cottontail Lane / Somerset, NJ 08873 / USA / Raritan.com](http://Raritan.com)

# Specifications

DKSX2-188 shown



USB Port



Dual GigE Ports

USB Ports

Dual Power Control Ports

Serial Ports

Specifications for all Dominion KSX II Models	
<b>Form Factor</b>	1U, full width, rack mountable (brackets included)
<b>Dimensions - (WxDxH)</b>	17.3" x 11.4" x 1.75"; 439 x 290 x 44mm
<b>Weight</b>	DKSX2-144: 8.51lb (3.86Kg); DKSX2-188: 8.64lb (3.92Kg)
<b>Power</b>	100V/240V 50/60Hz 0.6A
<b>KVM Ports</b>	4 (KSX2-144 model) or 8 (KSX2-188 model)
<b>Serial Ports</b>	4 (KSX2-144 model) or 8 (KSX2-188 model)
<b>Power Control Ports</b>	2 (available on KSX2-144 and KSX2-188 models)
<b>Local Admin Port (VGA)</b>	HD15(F) VGA
Video	Mini-DIN6(F) PS/2 and USB (F), 1 USB front, 3 USB rear
Keyboard/Mouse	
<b>Local Admin Port (Serial)</b>	DB9 (M) RS232
<b>Environmental Requirements</b>	
<b>Operating Temperature</b>	32° (0°C) to 104° (40°C)
<b>Remote Connection</b>	
<b>Network</b>	Dual 10/100/1000 gigabit Ethernet Access (RJ45)
<b>Modem</b>	Integrated 56K V.90 (RJ11 port)
<b>Protocols</b>	TCP/IP, UDP, RADIUS, LDAP, SNMP, SNTP, DHCP, PAP, CHAP, HTTP, HTTPS
<b>Supported Video Resolutions</b>	640x480, 720x400, 800x600, 1024x768, 1152x864, 1280x1024, 1600x1200
<b>Warranty</b>	Two Years with Advanced Replacement* Guardian Extended Warranty Available

## Ready to manage smarter? Do it with Dominion KSX II.

Call 1.800.724.8090 or visit [Raritan.com/KSXII](http://Raritan.com/KSXII)

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\*To qualify for advanced replacement under the standard warranty, you must register the product at [http://www.raritan.com/standard\\_warranty](http://www.raritan.com/standard_warranty)

Specifications are subject to change without notice.