



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

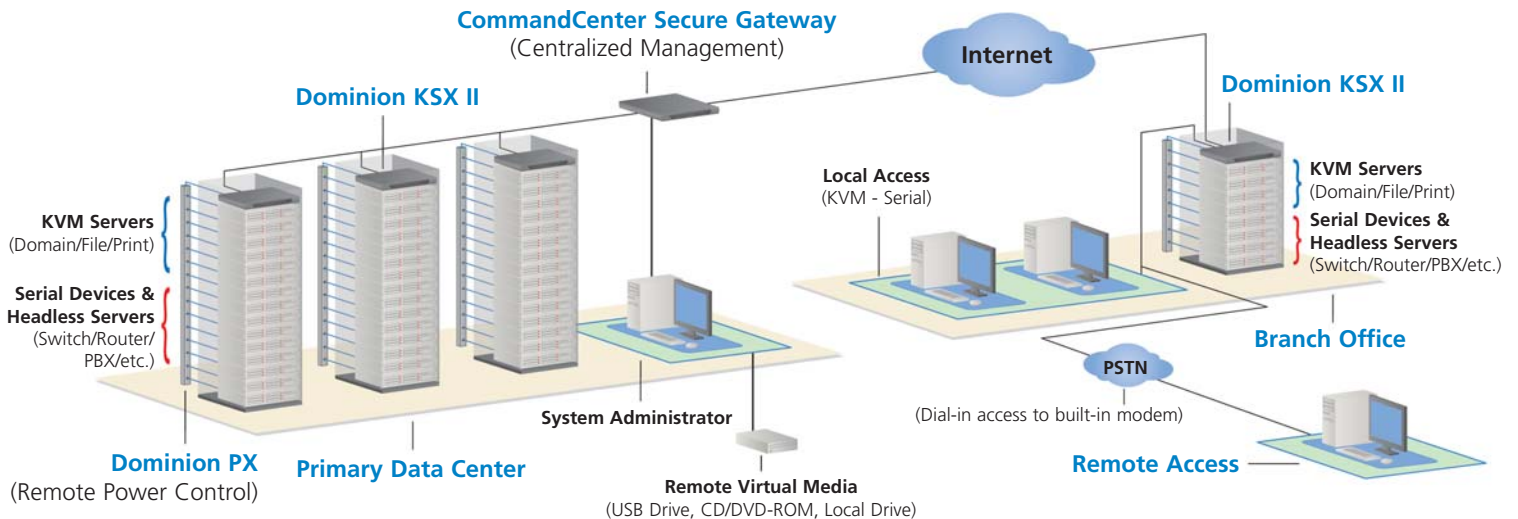
- High performance over low bandwidth connections including modem, wireless, cable, DSL and fractional T1

- 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™
- Multi-platform 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

The screenshot shows the Raritan Dominion KSX II web interface. The top navigation bar includes tabs for Port Access, Virtual Media, User Management, Device Settings, Security, Maintenance, and Diagnostics. The main content area is titled 'Port Access' and contains a table with the following data:

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

Additional information visible in the interface includes: Time & Session (November 08, 2007 10:59:40), User (admin), State (active), Your IP (192.168.58.92), Last Login (Nov 06, 2007 13:38), Device Information (Device Name: kxs2, IP Address: 192.168.60.60, Firmware: 1.0.0.2.6178), Port States (10 Ports up, 6 Ports down, 16 Ports idle), Connected Users (admin (192.168.58.92) active, admin (Local Console) 408 min idle), and Favorite Devices (None).

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

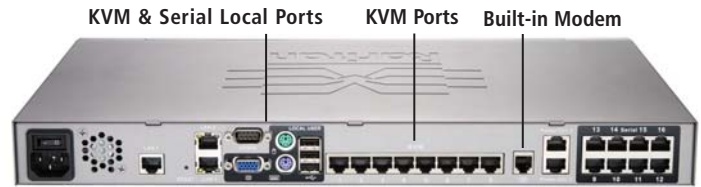
Raritan is a leading supplier of solutions for managing IT infrastructure equipment and the mission-critical applications and services that run on it. Raritan was founded in 1985, and since then has been making products that are used to control millions of servers at more than 50,000 network data centers, computer test labs and multiworkstation environments around the world. From the small business line to the enterprise, Raritan's complete line of compatible and scalable KVM and remote connectivity products offers IT professionals the most reliable, flexible and secure in-band and out-of-band solutions to manage data center equipment applications and services, while improving operational productivity. More information on the company is available at 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

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

When you're ready to take control,
do it with Dominion KSX II.

Call 1.800.724.8090 or visit raritan.com/KSXII

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* To qualify for advanced replacement under the standard warranty, you must register the product at http://Raritan.com/standard_warranty.

Specifications are subject to change without notice.