

Dominion® KSX II - Fully integrated KVM-over-IP and serial access: More control, more security, more value

The KSX II combines the strengths of Raritan's best-in-class KVM-over-IP and serial access products in a single unit for optimal control and security in remote locations.

When reviewing options for access & control of your branch office IT assets, be sure to consider the following Raritan advantages:

- **The Dominion KSX II offers the “total package”**
 - KVM-over-IP, BIOS-level, and serial access & control in a single unit.
 - Virtual Media on all models
 - Plus, the most diverse media choices: CD/DVD, USB sticks, local drives, and ISO image files
 - Absolute Mouse Synchronization™ - The tightest mouse synchronization available, without having to manually change mouse settings
 - Native serial access, with 256KBytes buffer per port and exit macros
 - Built-in modem (with dial-back) for out-of-band access
 - Dual 10/100/1000 Ethernet ports with automatic failover on all models
 - Dual remote power control ports
 - Industry's first browser-based local console
 - 1600 x 1200 maximum remote video resolution
- **The Dominion KSX II is a secure solution**
 - 256-bit SSL, AES and RC4® Encryption
 - Supports LDAP, RADIUS and Active Directory
 - Supports strong password authentication
 - Enforce lower case, upper case, numeric, special characters
 - Password Aging
 - Logout of idle users
 - Block users after failed login attempts
- **The Dominion KSX II is a highly flexible and scalable solution**
 - Dominion KSX II operates in full functionality as a standalone device or with CommandCenter® Secure Gateway, Raritan's centralized management appliance.

DETAILS: Dominion KSX II Competitive Advantages

► Superior Target Management

Features	Benefits
<p>Virtual Media</p>	<p>All Dominion KSX II models support Virtual Media. The benefits of Virtual Media – mounting of remote drives/media to support software installation, remote booting and diagnostics – are now available.</p> <p><i>Other vendors only make Virtual Media available on select digital KVM models.</i></p> <p>Customers can access Virtual Media with KSX II as a standalone unit or through CommandCenter® Secure Gateway for centralized management.</p> <p><i>Some competing products have limited functionalities in standalone mode, relying on an additional management system for much of the features, adding complexity and another point of vulnerability.</i></p> <p>More media options supported. Each Dominion KSX II comes equipped with Virtual Media to enable remote management tasks using the widest variety of CD, DVD, USB, internal and ISO images on remote drives..</p> <p><i>The main competing KVM/Serial combo unit does not offer virtual media.</i></p>
<p>Absolute Mouse Synchronization</p>	<p>The Absolute Mouse Synchronization offers the tightest mouse synch in the industry.</p> <p>For Windows® 2000 (with the latest upgrades), Windows 2003 and Windows Vista servers with a USB mouse port, there is no need to adjust the mouse settings on the target server. This reduces installation time and enhances the Dominion KSX II's plug-and-play nature.</p> <p>Also, the remote and target server mouse pointers stay synchronized.</p> <p><i>The main competing KVM/Serial combo unit requires manual adjustments to mouse settings and the local and remote cursors are not in synch.</i></p>
<p>Native Serial Access and control</p>	<p>"Native serial" describes the ability to establish a direct console connection to a serial device. This is what is used with serial console servers.</p> <p>Though some KVM-over-IP switches claim serial target control, they do not establish a native serial connection. They connect to serial targets with a CIM cable that acts as a "serial-to-VGA" converter.</p> <p>Native serial allows the administrator to perform functions such as keyword detects for automated alerting, data logging for audit trail, use serial access administration tools - telnet/SSH, exit keyword macros to close potential security holes.</p> <p>The KSX II provides the full functionality of both a KVM-over-IP switch and a serial console server in a single 1U unit.</p>

► High Reliability/Availability

Features	Benefits
Dual gigabit Ethernet ports with automatic failover	All Dominion KSX II units have dual 10/100/1000 Base-T Ethernet ports for redundancy.
Built-In Modem with Dial-Back	All KSX II units include a built-in modem for emergency out-of-band access. As an added security feature, the KSX II supports modem dial-back as a method of authenticating the user.

► Extensive Security and Management Features

Features	Benefits
Complete data security	All KVM and serial traffic (including virtual media) are encrypted using 256-bit SSL AES or RC4. <i>The main competing KVM/Serial combo unit does not support AES encryption.</i>
Strong Password Authentication	The KSX II supports admin-configurable strong password options: <ul style="list-style-type: none"> • Lower case, upper case, numeric, special characters • Password Aging • Logout of Idle Users • User blocking on failed login attempts <i>The main competing KVM/Serial combo unit does not support strong password authentication</i>
Broad range of authentication options	The Dominion KSX II supports LDAP, RADIUS and Active Directory® protocols.
SNMP Traps	The Dominion KSX II SNMP agent distributes SNMP traps for important system events to SNMP management systems such as HP OpenView.
Integration with Management System	Dominion KSX II devices can be integrated with CommandCenter for a total data center management solution, independent of the Windows operating system.

► Ease of Use

Features	Benefits
Browser-based Local Console Port	<p>The Dominion KSX II features a browser-based local access, an innovation first introduced by Raritan.</p> <p>With a common, browser-based interface and full management functionality at the local port, customers can achieve a new level of productivity and enhanced usability.</p> <p><i>No other KVM-over-IP solution has a browser-based access to the local port.</i></p>
Easy to install	<p>Dominion KSX II appliances are self-contained and do not require external servers to operate. As a result, installation takes only minutes.</p> <p><i>Some competing KVM & serial switches cannot function without a full management system. Installing the management system, which relies on external servers and OS, adds complexity to installation and deployment.</i></p>
Integrated remote power management (PDUs)	<p>The Dominion KSX II has two dedicated ports for PDUs.</p> <p>For redundancy, the KSX II supports two Raritan power strips (like the Dominion PX). With “point & click” simplicity, integrated power strips can be managed easily by selecting a server and right clicking to power up, power down or cycle the power.</p>

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