



Switchless, Scalable, Single-Target KVM-over-IP Control

Dominion KX II-101 V2

One-Remote user, One-Port
KVM-over-IP Switch

Enterprise-class KVM over IP technology in a palm-sized device

Dominion KX II-101 V2 is a next-generation KVM-over-IP device that eliminates the blocking factor inherent in switched KVM architectures to provide anytime, anywhere access and BIOS-level control of a single server, via a dedicated IP address.

Productivity, efficiency and security in a "zero-U", single-port device

- ▶ Palm-sized and highly portable, the Dominion KX II-101 V2 can be mounted vertically or horizontally on the side of a rack, making it ideal for small, remote locations with a limited number of servers
- ▶ Multiple Dominion KX II-101 V2 devices can be installed in a data center, lab environment, or remote offices to provide fully non-blocked, switchless access by any user to any server - even if the OS is unavailable - reducing downtime, MTTR and labor costs
- ▶ Dominion KX II-101 V2 features Absolute Mouse Synchronization™, which reduces installation time and sets a new standard for mouse synchronization
- ▶ Virtual Media gives users the ability to transfer files for patches and upgrades from any location, speeding up the upgrade process and reducing travel costs
- ▶ Dominion KX II-101 V2 also provides a greater level of security than other remote access methods, feature-rich management functionality and the highest quality video available, all over an IP network

A full set of features plus an innovative user interface

The Dominion KX II-101 V2 is a small but complete package of KVM-over-IP innovations. It works with the industry's widest range of browsers and operating systems, so you can use almost any combination of OS and browser. It also incorporates Raritan's Virtual KVM Desktop™ features to provide a user experience that is indistinguishable from an at the rack connection.

Dominion KX II-101 V2 is incredibly scalable. And because it is CommandCenter® certified a large number of Dominion KX II-101 V2 units can be integrated through Raritan's CommandCenter Secure Gateway into a single logical network, with a single sign-on from a single IP address.

Next Generation Features with Limitless Non-blocked Access

Versatile

The Dominion KX II-101 V2's unique form factor and non-blocked access make it an ideal remote management platform for:

- ▶ Small businesses or branch offices that need single-port remote access
- ▶ Small numbers of servers in remote mission-critical environments, such as pipeline pumping stations, oil rigs and military installations
- ▶ Environments that require simultaneous, non-blocking connections between large numbers of users and target devices, such as software development labs
- ▶ Environments where remote access to mission-critical servers could be blocked by other remote administrators trying to access other servers
- ▶ Environments where target devices are often moved around into different configurations, such as test labs and demo rooms
- ▶ Highly mobile applications such as remote broadcast trucks and police/fire department/EMS mobile command centers
- ▶ Temporary installations such as conventions, trade shows, client/customer sites and construction trailers

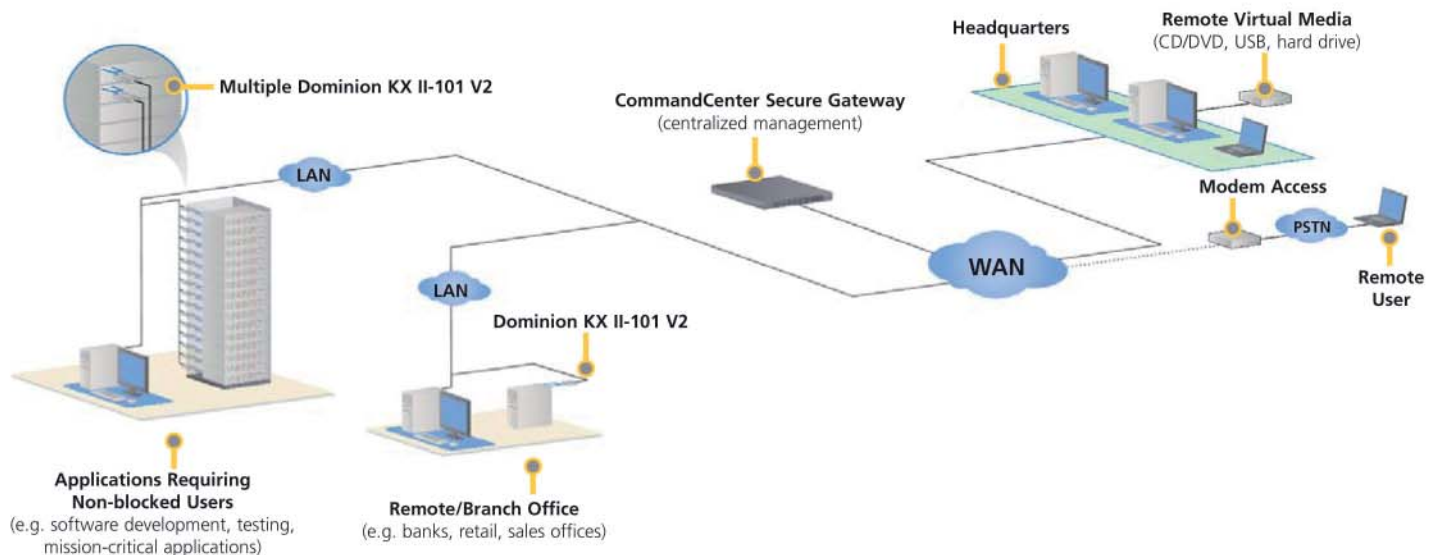
- ▶ Non-IT devices such as retail/point-of-sale displays, signage and kiosks, as well as medical and military equipment
- ▶ Administrators who are looking for anytime, anywhere BIOS-level access via industry-standard browsers

Easy to use

- ▶ Absolute Mouse Synchronization reduces installation time and sets a new standard for mouse synchronization
- ▶ Virtual KVM Desktop creates a user experience virtually indistinguishable from a local server connection
- ▶ PC Share mode lets up to eight users remotely access the same server for collaborative troubleshooting
- ▶ Plug-and-play appliance is easily installed; up and running in minutes
- ▶ Firmware upgradeable over IP network connection

Multi-platform compatible

- ▶ Supports Windows®, Mac®, Linux® and Solaris® platforms
- ▶ Works with Raritan's Multi-Platform Client (MPC)



Enterprise-scale Manageability

Flexible

- ▶ Small form factor fits in many environments
- ▶ Serial admin console port allows local configuration and diagnostics
- ▶ Multi-function serial port enables the connection of a modem for out-of-band access
- ▶ Remote power management capabilities when integrated with Dominion PX™ - Intelligent Power Distribution Units (PDUs)
- ▶ Keyboard and mouse connections can be hot-plugged on most operating systems without affecting the target server
- ▶ Direct port access can be established for quick access to target server
- ▶ Factory default settings can be reapplied via the factory reset button or by resetting the factory defaults through the serial admin console port
- ▶ The KX II-101 V2 can be swapped while the target server is still on, minimizing server downtime
- ▶ USB or PS/2® connectivity from same unit
- ▶ Mounts horizontally or vertically on side of rack (brackets included)

Secure

- ▶ Up to 256-bit AES encryption
- ▶ Secure encryption of keyboard, mouse and video signals, as well as virtual media
- ▶ Supports strong password settings and password retry lockout
- ▶ Supports RADIUS, Secure LDAP and Active Directory® - authenticating users from existing accounts
- ▶ Uses Access Control Lists to grant, restrict or deny access
- ▶ Inactivity timeouts prevent unauthorized access to unattended remote consoles
- ▶ Ability to disable telnet/SSH access

CommandCenter certified

- ▶ Makes use of CommandCenter Secure Gateway's powerful management features, including centralized

role-based policy administration, logging of system activity and user changes, as well as centralized firmware upgrades

- ▶ Scales to a large number of units across numerous sites, all accessed through a single sign-on to a single IP address and displayed in consolidated physical and logical views
- ▶ Integrates into a single, logical "command and control" network with Raritan's entire Dominion Series of KVM-over-IP switches and serial console servers, and analog Paragon II KVM switches

Cost-effective

- ▶ Provides remote access and BIOS-level control where deployment of a multi-port KVM switch is not economical
- ▶ Tightly integrated unit in a "zero-U" form factor, saves rack space
- ▶ Minimizes expensive and inconvenient travel to remote locations
- ▶ Comes complete with AC/DC adapter, KVM cable and mounting hardware
- ▶ Allows IT staff to leverage system expertise across multiple sites

Enhanced with highest quality KVM-over-IP experience

- ▶ Adaptive video settings for lower bandwidth situations
- ▶ Sets a new record for Raritan's award-winning video quality, with support for 32,000 colors
- ▶ Supports up to 1600 x 1200 remote video resolution
- ▶ Virtual KVM Desktop:
 - ▶ Full-screen video, without window borders or toolbars
 - ▶ Transparent keyboard handling sends virtually all keystrokes to the target server for a more seamless user experience
 - ▶ Advanced video resolution detection, for fast video response and accuracy on a wide range of remote screens
 - ▶ Flexible video scaling, lets users adjust window size from thumbnail to full screen view

Specifications

Dominion KX II-101 V2	
Dominion Model	DKX2-101-V2
Form Factor	Zero-U form factor; rack mountable vertically or horizontally (bracket kit included)
Dimensions (DxWxH)	95 x 71 x 24mm ; 3.74" x 2.8" x 0.9"
Weight	0.19 kg; 0.42 lbs
Power	AC Power Adapter 100–240VAC, 47–63Hz, 0.2A
Operating Temperature	0°–40°C (32°–104°F)
Humidity	20%–85% RH
Indicators	Device status LED indicator Network activity and connection speed indicator
Local Connection	Local Admin–DB-9(F) Serial KVM Connector–Raritan KVM Cable Local User Video–HD-15(F) VGA Local Mouse/Keyboard–connect to Server USB
Remote Connection	1 Ethernet (RJ45) port with activity status indicator. TCP/IP, Telnet, SSH, HTTP, HTTPS, secure LDAP, RADIUS, LDAP, DHCP and SNMP
Screen Resolutions	PC graphic mode Sun® video mode
	Up to 1600x1200 @ 60Hz, 640x480 @ 60/72/75/85Hz, 800x600 @ 56/60/72/75/85Hz, 1024x768 @ 60/70/75/85Hz, 1152x864 @ 60/75Hz, 1280x1024 @ 60Hz, 1600x1200 @ 60Hz and 720x400 (for DOS)
Warranty	Two years. In addition, Raritan offers two years extended warranty.



KVM Cable
VGA, PS/2, USB
from Target Server

Accessories

Part Number	Description
DKX2-101-V2-PDU	Adapter for connecting to a Dominion PX

Ready to manage smarter? Do it with Dominion KX II-101 V2.