



Dominion KX II-101 V2

One remote user, one-port
KVM-over-IP switch

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

Enterprise-class KVM-over-IP technology in a palm-size 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-size 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/EMS mobile command centers
- ▶ Temporary installations such as conventions, trade shows, client/customer sites and construction trailers

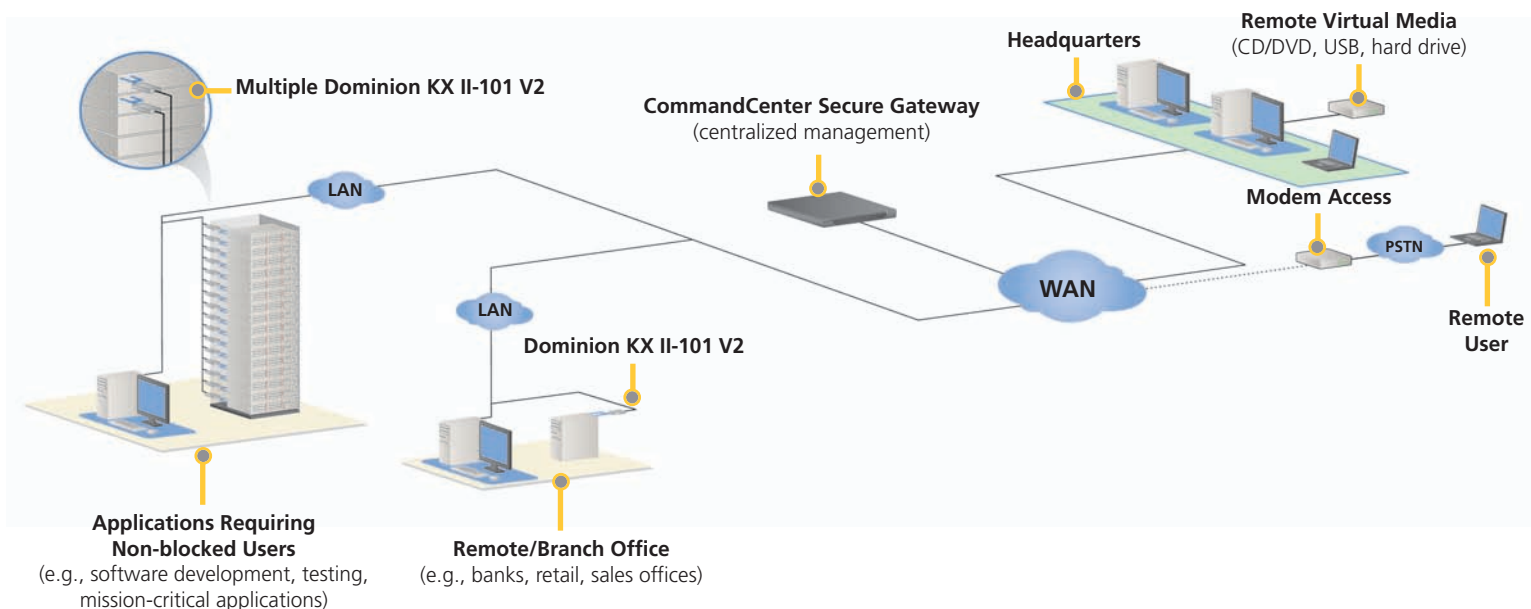
- ▶ Non-IT devices such as retail/point-of-sale displays, signage and kiosks, as well as medical and military equipment
- ▶ Administrators who are looking for anytime, anywhere BIOS-level access via industry-standard browsers

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

Multiplatform compatible

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



Enterprise-scale Manageability

Flexible

- ▶ Small form factor fits in many environments
- ▶ Serial admin console port allows local configuration and diagnostics
- ▶ Multifunction 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 (iPDUs)
- ▶ 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 multiport 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

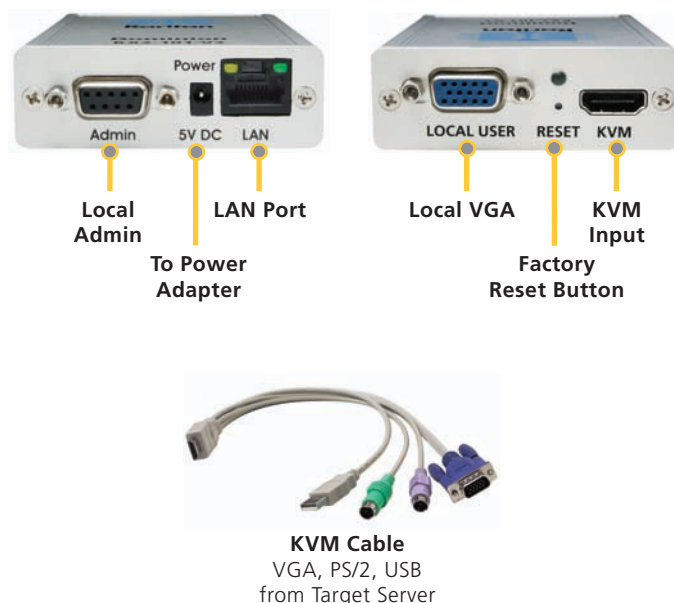
Enhanced with highest quality

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 1600x1200 remote video resolution
- ▶ Virtual KVM Desktop:
 - ▷ Full-screen video, without window borders or toolbars
 - ▷ Transparent keyboard handling sends virtually all key strokes 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)	3.74" x 2.8" x 0.9"; 95 x 71 x 24mm
Weight	0.42 lbs; 0.19 kg
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 Network LEDs	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 Network protocols	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 with advanced replacement*



Accessories

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

Ready to manage smarter? Do it with Dominion KX II-101 V2.
Call 1.800.724.8090 or visit www.raritan.com/KX2-101

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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

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, NJ, Raritan has 38 offices worldwide, serving 76 countries. For more information, please visit Raritan.com