



## Dominion KX101

1-Remote user, 1-Port KVM-over-IP

# Switchless, Scalable, Single-Target KVM Control Via Web Browser

## Enterprise-class KVM-over-IP in a palm-sized form factor

Dominion KX101 is a next-generation, enterprise-class KVM-over-IP device that eliminates the blocking factor inherent in switched KVM architectures. It provides anytime, anywhere access and BIOS-level control of a single server, via a dedicated IP address. The Dominion KX101 shrinks all the performance and security features of Raritan's industry-leading remote KVM access and control technology into a "zero-U," single-port density form factor.

Multiple KX101s can be installed in a data center to provide fully non-blocked, switchless access by any user to any server. Multiple KX101s also can be deployed at multiple remote locations to provide anytime, anywhere, non-blocked access to any device in a company's distributed infrastructure. All of the KX101s and many other devices, including Raritan's Dominion KX, Dominion SX, Paragon® II and HP iLO/RILOE, can be centrally managed through a single IP address, with Raritan's CommandCenter® Secure Gateway.

Palm-sized and highly portable, the Dominion KX101 can be mounted vertically or horizontally on the side of a rack, affixed to any convenient surface with Velcro® or simply hung from the back of the target device by its cable. In addition, its Power-over-Ethernet (PoE) capability can eliminate the need for a separate power supply and cabling.

The Dominion KX101 is a fully featured member of Raritan's Dominion Series, so it is engineered to:

- ▶ Provide bulletproof security, feature-rich management functionality and the highest quality video available, all over an IP network
- ▶ Integrate with all Raritan's other building blocks, to make it easy to build exactly the solution you need
- ▶ Work stand-alone or under the control of Raritan's CommandCenter Secure Gateway centralized management appliance

## Full Dominion Series feature set and innovative GUI

The Dominion KX101 is a small but complete package of next generation 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.

In addition, the Dominion KX101 is incredibly scalable. Because it's CommandCenter-Ready™, literally thousands of Dominion KX101 units can be integrated through Raritan's CommandCenter Secure Gateway into a single logical network, with a single sign-on to a single IP address.

# Next Generation Features With Limitless Non-blocked Access

## Versatile

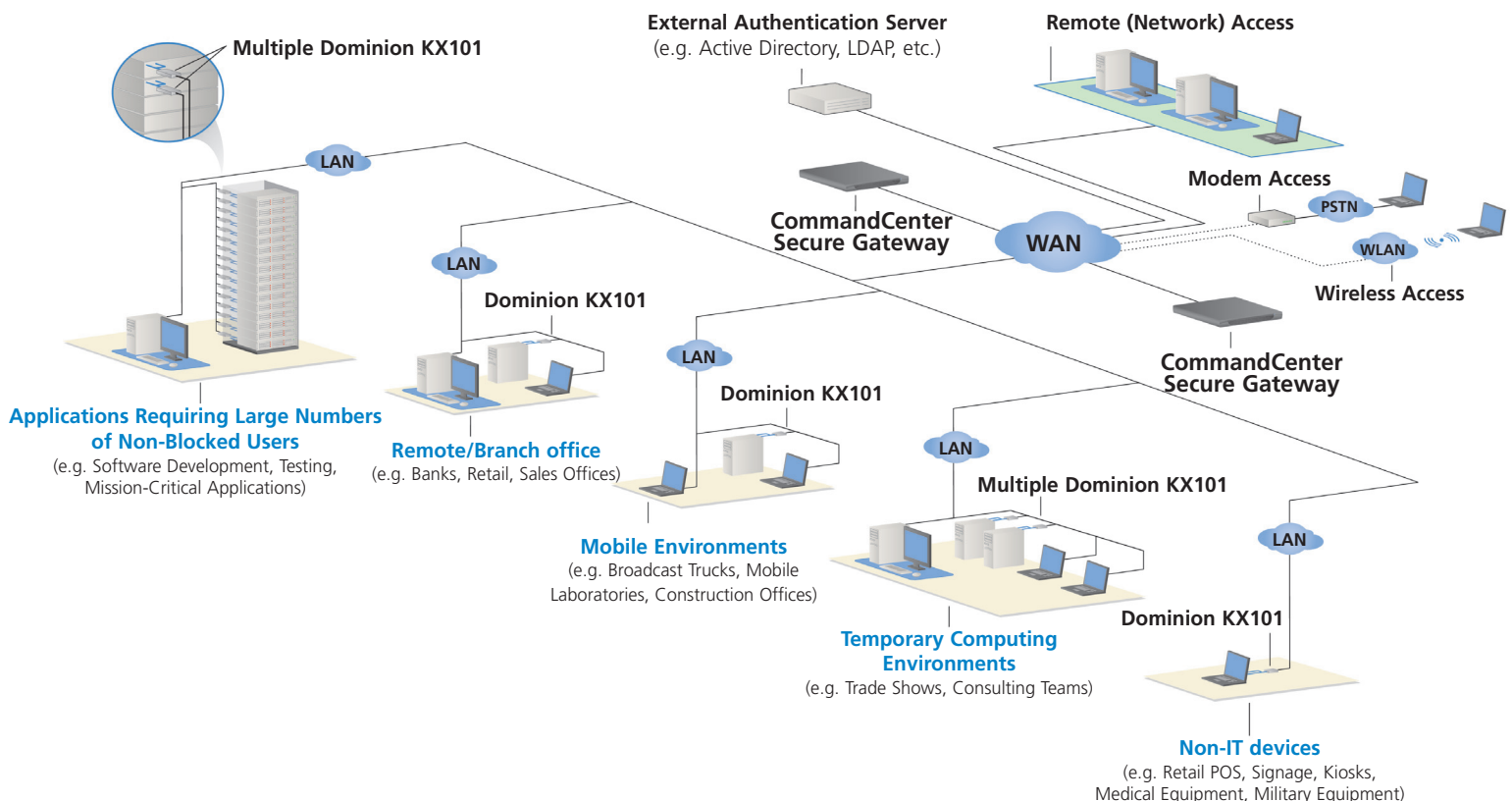
The Dominion KX101's unique form factor and non-blocked access make it an ideal remote management platform for:

- ▶ Small numbers of servers in remote mission-critical environments where the price of multi-port KVM switches is not justified, such as pipeline pumping stations, oil rigs and military installations
- ▶ Environments that require many-to-many connectivity 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 try 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 or fire department mobile command centers
- ▶ Small businesses or branch offices that need remote access, but where a multi-port KVM-over-IP switch is not required

- ▶ Temporary installations such as conventions, trade shows, client/customer sites and construction trailers
- ▶ PC-powered, non-IT devices such as retail/point-of-sale displays, signage and kiosks, as well as medical and military equipment

## Easy to use

- ▶ Provides anytime, anywhere BIOS-level access via the industry's broadest range of browsers (Internet Explorer, Mozilla® Firefox, and Netscape®)
- ▶ Virtual KVM Desktop creates a user experience virtually indistinguishable from an "at-the-rack" connection
- ▶ Multi-Platform KVM Client (MPC) works with all of the popular web browsers running on most major operating systems
- ▶ 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 Ethernet with Failsafe
- ▶ Serial admin console port allows local configuration, diagnostics and resetting factory defaults



# Enterprise-scale Manageability

## Multi-platform compatible

- Supports Windows®, Mac®, Linux® and Solaris® platforms
- Works with Raritan Remote Client (RRC), Multi-Platform Client (MPC) and Dominion KX Manager

## Flexible

- Small form factor fits in many environments
- Can be powered by Power over Ethernet (PoE), a separate power adapter or both
- Keyboard and mouse connections can be hot-plugged on most operating systems without bringing down the target server
- The Dominion KX101 can be swapped without bringing down the target server
- The integrated KVM cable has user interchangeable PS/2® or USB connections
- Mounts horizontally or vertically on side of rack (brackets included), hangs by its cable or sticks anywhere with Velcro

## Secure

- SSL 128-bit RSA public key, 128-bit private key encryption
- Secure encryption of keyboard, mouse and video signals
- Supports RADIUS, 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

## CommandCenter-ready

- 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 hundreds or thousands 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, analog Paragon® II KVM switches and Raritan Remote Power Control products

## 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 cables and mounting hardware
- Allows IT staff to leverage system expertise across multiple sites

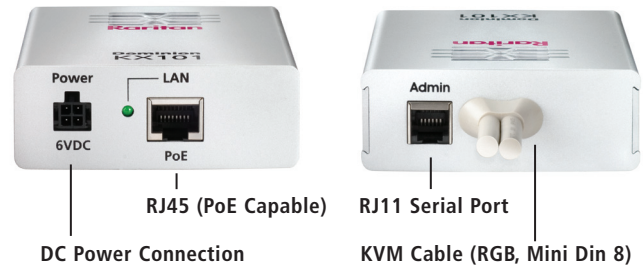
## Enhanced with highest quality KVM-over-IP

- Adaptive video settings for lower bandwidth situations
- 15-bit color depth sets a new record for Raritan's award-winning video quality, with support for 32,000 colors
- 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 KX101

<b>Dominion KX Model</b>	KX101
<b>Form Factor</b>	Zero U form factor; rack mountable vertically or horizontally (bracket kit included)
<b>Dimensions (DxWxH)</b>	4.055" x 2.913" x 1.063"; 103 x 74 x 27mm
<b>Weight</b>	0.6292lbs; 0.286kg
<b>Power</b>	AC/DC (100-240V~/ 6VDC) power adapter or Power over Ethernet (PoE) <ul style="list-style-type: none"> <li>– Mid-Span Power Insertion</li> <li>– Signal-Pair Power Insertion</li> </ul>
<b>Operating temperature</b>	0° - 40°C (32° - 104°F)
<b>Humidity</b>	20% - 85% RH
<b>Indicators:</b> Blue RARITAN back-lit logo Green LED	Boot-up and power-level indicator Network activity
<b>Local connection</b> Serial Admin Console Port	1 - RJ11 port for RS232 serial communication connection
<b>Remote Connection:</b> Network Protocols	One 10/100 Ethernet (RJ45) port TCP/IP, HTTP, HTTPS, UDP, RADIUS, LDAP, SNMP, DHCP
<b>Screen Resolutions:</b> PC graphic mode SUN® video mode	Up to 1600 X 1200 @ 60Hz 640 X 480 @ 60/72/75/85Hz, 800 X 600 @ 56/60/72/75/85Hz, 1024 X 768 @ 60/70/75/85Hz, 1152 X 864 @ 60/75Hz, 1280 X 1024 @ 60Hz, 1600 X 1200 @ 60Hz
<b>Warranty</b>	Two years with advanced replacement*



### KVM Interface Cable Adapters



Interface type	Length (inch; cm)	Description
Video	15"; 38cm	Integrated Cable
USB	23.5"; 60cm	Attachment to integrated cable
PS2	23.5"; 60cm	Attachment to integrated cable
SUN®		Requires APSUSB CIM (not included in KX101 kit)

## When you're ready to take control, do it with Dominion KX101.

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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).

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 multi-workstation environments around the world. From the small business 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](http://www.raritan.com).