



## Dominion KX II

### KX2-864

64 ports, 1 local + extended local port, 8 remote users

### KX2-832

32 ports, 1 local + extended local port, 8 remote users

### KX2-464

64 ports, 4 remote users, 1 local user

### KX2-432

32 ports, 4 remote users, 1 local user

### KX2-416

16 ports, 4 remote users, 1 local user

### KX2-232

32 ports, 2 remote users, 1 local user

### KX2-216

16 ports, 2 remote users, 1 local user

### KX2-132

32 ports, 1 remote user, 1 local user

### KX2-116

16 ports, 1 remote user, 1 local user

### KX2-108

8 ports, 1 remote user, 1 local user

## Raritan's enhanced Dominion® KX II – the first KVM-over-IP switch offering FIPS 140-2 encryption.

### Challenge

Recently, many in the public sector have migrated to secure KVM-over-IP for anytime/anywhere access, simplified cabling and reduced costs. But government and military agencies that are held to the highest level of security standards remain tethered to analog KVM systems for secure BIOS-level access. Because until now, no KVM-over-IP switch's encryption complied with FIPS 140-2 – a U.S. government standard ensuring the security of encryption modules in electronic products.

Lacking FIPS 140-2-compliant encryption, IT administrators from affected agencies cannot take advantage of the many operational and cost benefits associated with KVM-over-IP access – including increased mobility and the ability to monitor and manage multiple servers from any location at any time. With the introduction of such a solution, many more agencies are now able to enjoy enhanced flexibility, productivity and economy.

### Solution

Raritan's enhanced Dominion KX II is the first KVM-over-IP switch with an embedded FIPS 140-2-certified encryption module (available on the ten Dominion KX II enterprise models). The enhanced KX II:

- ▶ Runs on a Linux® platform per FIPS 140-2 implementation guidelines
- ▶ Encrypts KVM session traffic consisting of keyboard, video, mouse, virtual media and smart card data
- ▶ Provides FIPS 140-2-validated encryption algorithms (AES) and cryptographic technologies
- ▶ Displays FIPS mode and certificate status on the user interface
- ▶ Stores passwords in FIPS-approved hashes
- ▶ Provides FIPS-compliant SSL certificate generation

Most importantly, the embedded module meets U.S. and Canadian mandates for FIPS 140-2-level encryption, making it possible for all federal and military agencies to leverage all the benefits of anytime/anywhere access.

### FIPS 140-2-Compliant Encryption Is Only the Beginning

In addition to the embedded FIPS 140-2 Cryptographic Module, Raritan's Dominion KX II KVM-over-IP switch offers world-class functionality, productivity, security and features. Which is why it was awarded "Best KVM Technology of the Year" by *InfoWorld*.

### World-Class Functionality and Productivity

Designed for secure BIOS-level IP access, the Dominion KX II helps IT teams manage more – servers, locations, technology platforms and applications – with fewer resources. Its easy-to-use browser-based interface provides a consistent experience for both remote and at-the-rack server management. And all models work with CommandCenter® Secure Gateway, so that multiple Dominion switches and connected servers can be managed from one IP address. Additionally, the KX II:

- ▶ Allows multiple IT administrators (remote and local users) to access multiple servers
- ▶ Ensures that all servers are accessible, even if operating systems are down
- ▶ Enables remote installation of software, file transfers, backups and diagnostics with its Universal Virtual Media™ feature
- ▶ Can remotely control power to servers (with optional remote power strips)

### World-Class Security

The Dominion KX II offers a wide range of highly advanced security features including:

- ▶ 256-bit Advanced Encryption Standard (AES) encryption
- ▶ Per-port, per-user authentication and authorization
- ▶ Ability to integrate with industry-standard directory servers, including Microsoft® Active Directory®, LDAP and RADIUS
- ▶ Strong password support with configurable password aging
- ▶ Ability to disable various features per restricted security profiles
- ▶ IP Access Control Lists



### Smart Card / Common Access Card to ensure HSPD-12 Security

For additional security measures, the optional Dominion® KX II Smart Card Solution provides Department of Defense (DoD) CAC (Common Access Card) and smart card-authentication. Whether working from a remote location or in the data center, authorized users are authenticated by inserting cards into the Smart Card/CAC Reader connected to their remote workstation or the Dominion KX II switch in the data center.

### World-Class Features

The Dominion KX II is a secure self-contained appliance, with all key features built-in. Advanced productivity features (available on all models) include:

- ▶ Absolute Mouse Synchronization™
- ▶ Universal Virtual Media
- ▶ Dual power and dual gigabit Ethernet
- ▶ Support for IBM®, HP and Dell® blade servers
- ▶ The industry's highest remote video resolution

**Ready to upgrade your security? Contact Raritan today.**

**Call +31 (0)10 284 4040 or visit [www.raritan.eu/FIPS-140-2](http://www.raritan.eu/FIPS-140-2)**

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