



## ULTRA HIGH PERFORMANCE SINGLE-PORT KVM-OVER-IP SWITCH WITH 4K VIDEO

The Dominion KX IV-101, Raritan's fourth generation KVM-over-IP switch, provides a new level of Ultra HD performance for KVM-over-IP remote management. More powerful than any other KVM-over-IP switch, it supports unblocked, Java-free anytime / anywhere, BIOS-level remote access of servers, PC's and workstations. The KX IV connects to a single computer, providing un-blocked access to multiple users via laptop, PC or Dominion User Station.

### 4K ULTRA HD DIGITAL PERFORMANCE

The KX IV-101 supports access to servers with 4K video resolution (3840x2160), up to 30 frames per second with 4:2:2 color. It also supports HD resolutions up to 1920x1080 and 1920x1200 at up to 60 frames per second with high quality 4:4:4 color. The KX IV has an all-digital architecture for ultra fast video performance and high video quality, with virtual media transfers up to 3 times faster than the Dominion KX III. The KX IV has user-configurable bandwidth to operate across LAN, WAN and Internet.

### PRODUCTIVE DOMINION FEATURES

The KX IV supports many of the popular Dominion features such as: virtual media, absolute mouse synchronization, LDAP/Radius/AD authentication, AES encryption, support for up to 8 simultaneous sessions, and much more. Users can use the Dominion KVM Clients for Java-free access, as well as the Dominion KX User Stations for high performance access in labs, studios and control rooms.

### COMMAND CENTER & USER STATION COMPATIBLE

Dominion KX IV is incredibly scalable. A large number of KX IV switches can be integrated through the Dominion User Station and/or Raritan's CommandCenter Secure Gateway, with convenient single sign-on. The powerful Dominion User Station works standalone or with CommandCenter.

### HIGHLIGHTS

- Single-port, unblocked, BIOS-level, KVM-over-IP Access for up to 8 users
- 4K Ultra HD Performance
- Digital Video Quality
- 3X Faster Virtual Media

### FEATURES

- Ultra HD, 4K30 HDMI Video
- 1080p @ 60 frames-per-second
- 1080p High Quality 4:4:4 Color
- HDMI Audio
- Java-Free, Anytime/Anywhere Access
- Input / Output Device Control
  - Power on/off PC/Server
- Laptop / PC / User Station
- New Platform / User Interface
- Pass-through Local Port
- CommandCenter & User Station integration

### APPLICATIONS

- Broadcast & Control Room
- Government & Military
- IT & Lab Administration
- Video and Dynamic Applications
- Remote Office/Facilities/Factory
- 4K Applications

# 4TH GENERATION ULTRA HD PERFORMANCE



## ULTRA HD 4K VIDEO

- All Digital Architecture
- 4K Video, up to 30 FPS with 4:2:2 color
- 1440p and 1600p resolutions

## HIGHEST QUALITY 1080P VIDEO

- 1080p Video at up to 60 FPS
- 1080p Video with 4:4:4 Color

Smartphone, Tablet, PC, Laptop, User Station



At-the-Rack KVM Access



Remote Server or PC



Dominion KX IV-101

Digital Video & Audio

Virtual Power Button; Keyboard & Mouse Control

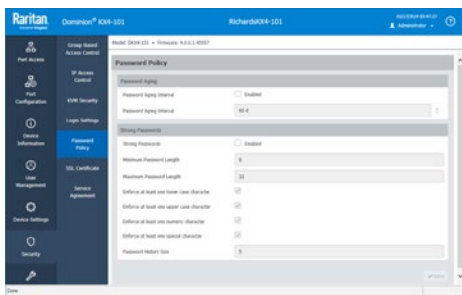
## 4TH GENERATION VIDEO ENGINE

- All Digital Architecture for High-Speed, Clean, Low Latency Digital Video
- Native HDMI Video Format
- Available Cable Adapters for VGA, DVI, DisplayPort, Mini DisplayPort & USB-C
- Embedded HDMI Digital Audio
- User Configurable Bandwidth for LAN, WAN and Internet Usage

## NEXT GENERATION COMMON PLATFORM

- New Fourth Generation KVM/IP Platform
- Based On Common Raritan Platform
- Performance, Reliability & Security
- All Digital Architecture
- Ultra High Performance 4K Video Engine
- Productive, Java-free HTML5 User Interface
- Apple iPhone/iPad Configuration via USB

# DOMINION® KX IV FEATURES



## POPULAR DOMINION FEATURES

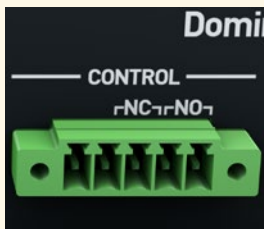
- High Speed Virtual Media
- Absolute Mouse Synchronization
- LDAP, AD, and RADIUS Authentication
- PC Share Access by up to 8 Users
- Configurable User Group Permissions
- 256-bit AES Encryption
- Dual-stack IPv6 Networking
- SNMP Syslog, & Email Notifications

## JAVA-FREE REMOTE ACCESS

- Out-of-Band, BIOS-Level Access
- Three KVM Client Alternatives
  - Java-free HKC
  - Microsoft Windows .NET AKC
  - Java-based VKC
- Dominion KX III and new KX IV User Stations

## VIRTUAL POWER BUTTON

- Can Remotely Power On/Off Devices Using the External Device Control Feature
- Wire the Output Terminals to the Power or Reset Pins on the Computer Motherboard
- Use the KX IV-101 Web-Based Interface to Remotely Power On/Off a Computer System



Pin	Description
1	Relay Normally Open Output (NO)
2	Relay Common (C)
3	Relay Normally Closed Output (NC)
4	Input
5	Input Ground

## EXTERNAL DEVICE CONTROL

- 5 Pin Terminal Block for External Control
- Output Relay Control to Turn on/off DC Powered Device such as Buzzer, Light or System/Computer
- Normally Open or Closed Options
- Input Terminals Detect Open or Closed Circuit to Control KX IV Local and Remote Access

## HARDWARE FEATURES

- Pass-Through Local Port — HDMI & USB
- Gigabit Ethernet Port
- 5-Pin Terminal Block for External Device Input and Output Control
- Configure Using Serial Port or via iPhone via USB Cable
- Power Adapter with Locking Plug
- Factory Reset Button
- Included Rackmount L Bracket
- Available 3 Unit 1U Bracket

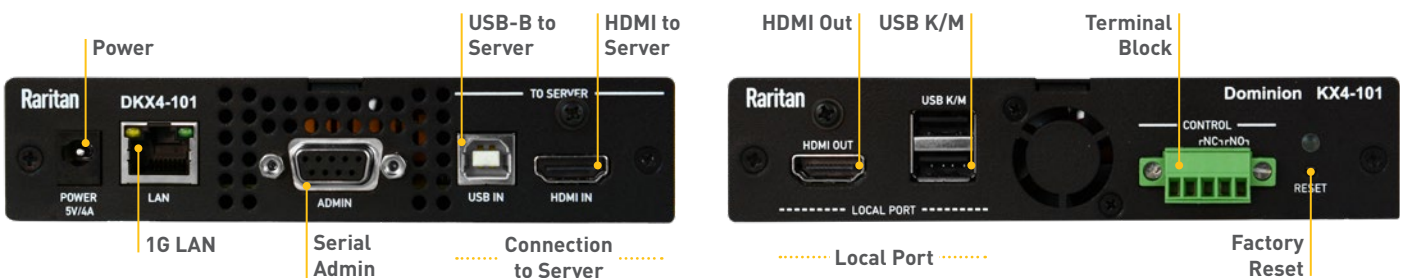
# DOMINION KX IV-101 SPECIFICATIONS

Feature	Description
<b>Form Factor</b>	Zero-U form factor, L bracket included, 3 units rack in 1U with RACK-KIT-DKX4-101-3
<b>Power</b>	Single, auto-sensing power with locking cord, 100-240 Volt AC 50-60Hz, 12.5W/20W max/operating
<b>Environmental</b>	Operating Temperature/Humidity: 0°C-55 °C / 20%-80% RH Storage Temperature/Humidity: -20°C-80 °C / 10%-90% RH
<b>Dimension / Weight</b>	140mm (W) x 144mm (D)x 30mm (H), 5.51" (W) x 5.67" (D) x " 1.18(H). 0.65kg (1.42 lbs)
<b>Remote Connection Network Protocols</b>	1 Gigabit Ethernet (RJ-45) port IPv6/IPv4 dual stack, TCP/IP, Telnet, SSH, HTTPS, RADIUS, LDAP, DHCP and SNMP v2 & v3
<b>Server Connection</b>	HDMI Port with locking cord, USB-B to server USB-A port
<b>Local Connection</b>	HDMI passthrough port. 2xUSB-A port for keyboard and mouse control
<b>Sample Video Resolutions</b>	1024x768@60Hz, 1280x720@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1400x1050@60Hz 1440x900@60Hz, 1600x1200@60Hz, 1920x1080@60Hz, 1920x1200@60Hz, 1680x1050@60Hz 2560x1440@60Hz, 2560x1600@60Hz, 3840x2160@30Hz, 4096x2160@30Hz
<b>Terminal Block</b>	Output Pins: Normally Open, Normally Closed, Common (Dry Contact). Supported load: 2A/30VDC, or 0.5A/60VDC or 0.3A/125VAC Input Pins: Input & Input Ground (Dry Contact). Does not support any power input.
<b>Warranty</b>	Two years standard warranty with advance replacement Three Additional Years of Warranty is available

## PART NUMBERS

Part Numbers	Description
<b>DKX4-101</b>	Single port, ultra HD performance, 4K KVM over-IP Switch, HDMI/USB pass-through local port
<b>D4CBL-DP-HDMI</b>	6 ft DisplayPort to HDMI cable to connect DKX4-101 to a server with DisplayPort Video
<b>D4CBL-MDP-HDMI</b>	6 ft Mini DisplayPort to HDMI cable to connect DKX4-101 to a server with Mini Display Port
<b>D4CBL-DVI-HDMI</b>	6 ft DVI to HDMI cable to connect DKX4-101 to a server with up to 1920x1200 DVI video
<b>D4CBL-USBC-HDMI</b>	USB-C Docking Station with 4K HDMI and USB to connect DKX4-101 to a server with USB-C
<b>D4CBL-VGA-HDMI</b>	VGA + analog audio to HDMI Adapter with up to 1920 x 1200 or 1600x1200 VGA video
<b>RACK-KIT-DKX4-101-3</b>	Dominion KX IV 101 1U, three switch rack mount bracket
<b>CVT-HDMI-VGA</b>	HDMI to VGA converter for DKX4-101 local port monitor, (1920 x 1200 or 1600x1200 video)
<b>WARDKX4-101/24A-1</b>	1-Yr Extended Warranty for DKX4-101 Gold
<b>WARDKX4-101/24A-2</b>	2-Yr Extended Warranty for DKX4-101 Platinum

## PORTS AND CONNECTIONS



Visit [www.raritan.eu](http://www.raritan.eu) or call +31 (0)10 284 4040 to learn more about Dominion KX-IV-101

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