



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 15 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
- Up to 15X 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

DIREKTRONIK

Direktronik AB tel. 08-52 400 700 www.direktronik.se

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



IP Network
LAN/WAN/Internet
IP Access



← Digital Video & Audio

← Virtual Power Button; Keyboard & Mouse Control

Dominion KX IV-101

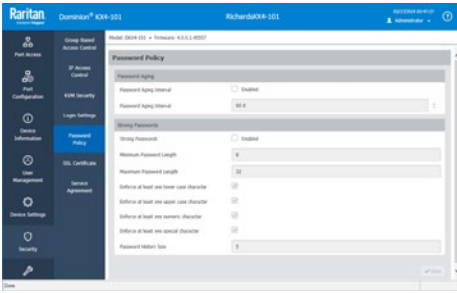
4TH GENERATION VIDEO ENGINE

- 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

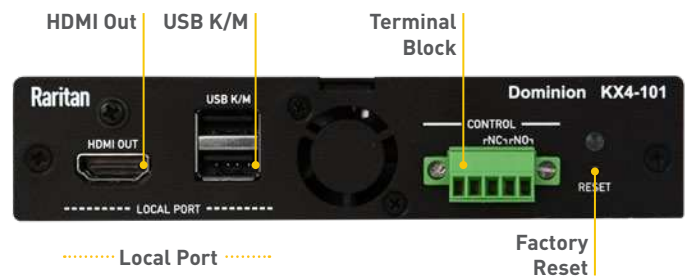
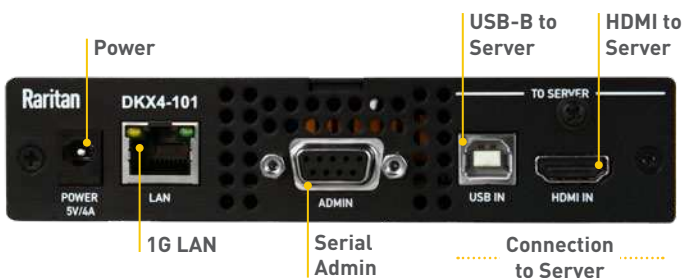
DOMINION KX IV-101 SPECIFICATIONS

| Feature | Description |
|--|--|
| Form Factor | Zero-U form factor, L bracket included, 3 units rack in 1U with RACK-KIT-DKX4-101-3 |
| Power | Single, auto-sensing power with locking cord, 100-240 Volt AC 50-60Hz, 12.5W/20W max/operating |
| Environmental | Operating Temperature/Humidity: 0°C-55 °C / 20%-80% RH Storage Temperature/Humidity: -20°C-80 °C / 10%-90% RH |
| Dimension / Weight | 140mm (W) x 144mm (D)x 30mm (H), 5.51" (W) x 5.67" (D) x 1.18(H). 0.65kg (1.42 lbs) |
| Remote Connection Network Protocols | 1 Gigabit Ethernet (RJ-45) port IPv6/IPv4 dual stack, TCP/IP, Telnet, SSH, HTTPS, RADIUS, LDAP, DHCP and SNMP v2 & v3 |
| Server Connection | HDMI Port with locking cord, USB-B to server USB-A port |
| Local Connection | HDMI passthrough port. 2xUSB-A port for keyboard and mouse control |
| Sample Video Resolutions | 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 |
| Terminal Block | 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. |
| Warranty | Two years standard warranty with advance replacement Three Additional Years of Warranty is available |

PART NUMBERS

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

PORTS AND CONNECTIONS



Visit www.raritan.com/kxiv-101
or Call 1.800.724.8090 for more information.

©2019 Raritan Inc. All rights reserved. Raritan® is a registered trademarks of Raritan Inc. or its wholly-owned subsidiaries. All others are registered trademarks or trademarks of their respective owners. Raritan began developing KVM switches for IT professionals to manage servers remotely in 1985. Today, as a brand of Legrand, we are a leading provider of intelligent rack PDUs. Our solutions increase the reliability and intelligence of data centers in 9 of the top 10 Fortune 500 technology companies. Learn more at Raritan.com V1268R1

DIREKTRONIK
Direktronik AB tel. 08-52 400 700 www.direktronik.se

Raritan®
A brand of **Legrand**