

# Specs



Dominion Model	Number Of Serial Ports	Modem Connectivity	Height	Width	Depth	Weight
SX 4	4	Dedicated Modem Port	1.75" (44mm)	11.34" (288mm)	10.7" (270mm)	4.61 lb (2.08kg)
SX 8	8	Dedicated Modem Port	1.75" (44mm)	11.34" (288mm)	10.7" (270mm)	4.81 lb (2.17kg)
SX 16	16	Integrated 56K V.90 (RJ11 port)	1.75" (44mm)	17.25" (438mm)	11.34" (288mm)	9.61 lb (4.35kg)
SX 32	32	Integrated 56K V.90 (RJ11 port)	1.75" (44mm)	17.25" (438mm)	11.34" (288mm)	10 lb (4.53kg)

## All Dominion™ SX Models.

Form Factor	1U, full width, rack mountable (brackets included on SX16 and SX32)
Power	110/220V auto-switching: 50-60 Hz
<b>Environmental Requirements</b>	
Operating Temperature	32° (0°C) to 104° (40°C)
Humidity	20% - 85% RH
Altitude	Operates properly at any altitude between 0 to 10,000 feet
<b>Remote Connection</b>	
Network	10/100 Ethernet (RJ45)
Protocols	TCP/IP, RADIUS, PAP, CHAP, HTTP, HTTPS, SSL, SSH
Warranty	Two years with Advanced Replacement Guardian* - Extended Warranty Available



\*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 registered trademark of Raritan Computer, Inc. Dominion is a trademark of Raritan Computer, Inc. Sun is a registered trademark of Sun Microsystems, Inc.

# Secure Console Server... Serial Control Via Web Browser



## Dominion™ SX



### Dominion SX Series

**Secure, multi-user remote serial access of up to 32 target servers and IT devices**

#### Dominion SX 4

4 Serial ports

#### Dominion SX 8

8 Serial ports

#### Dominion SX 16

16 Serial ports

#### Dominion SX 32

32 Serial ports

### Secure Out-of-Band Remote Management Capability with Maximum Security and Integrated Power Control

Dominion SX allows IT professionals to monitor, manage and control all their serial devices securely, anytime from anywhere. With the kind of elegant engineering you expect from Raritan, Dominion SX delivers more of everything IT professionals require in a secure console server. It's easy to install, simple to use, secure and scalable. The Dominion SX provides one point of control to manage all users, servers and IT devices including:

- ▶ **Servers & Headless Servers** Sun Solaris®, Sun Cobalt®, HP-UX®, UNIX®, Linux Servers, IBM®/AIX® Servers, Windows® 2003 Servers
- ▶ **WAN Equipment** ISDN Terminal Adapters, Channel Banks, CSU/DSU, PBX/PABX
- ▶ **Networking Equipment** Routers, Ethernet Switches, Ethernet Firewalls, Ethernet Load Balancers
- ▶ **Power Control** All serially controlled power strips and UPS devices

### Why Dominion SX?

Dominion SX provides secure access technology and is the most straightforward cost-effective tool available to reduce network downtime as well as overall IT costs. Take a look at the ROI:

- ▶ Slashes expensive downtime by providing network-independent access, via modem, to serial devices in emergencies



# Anytime, anywhere secure serial access and control.

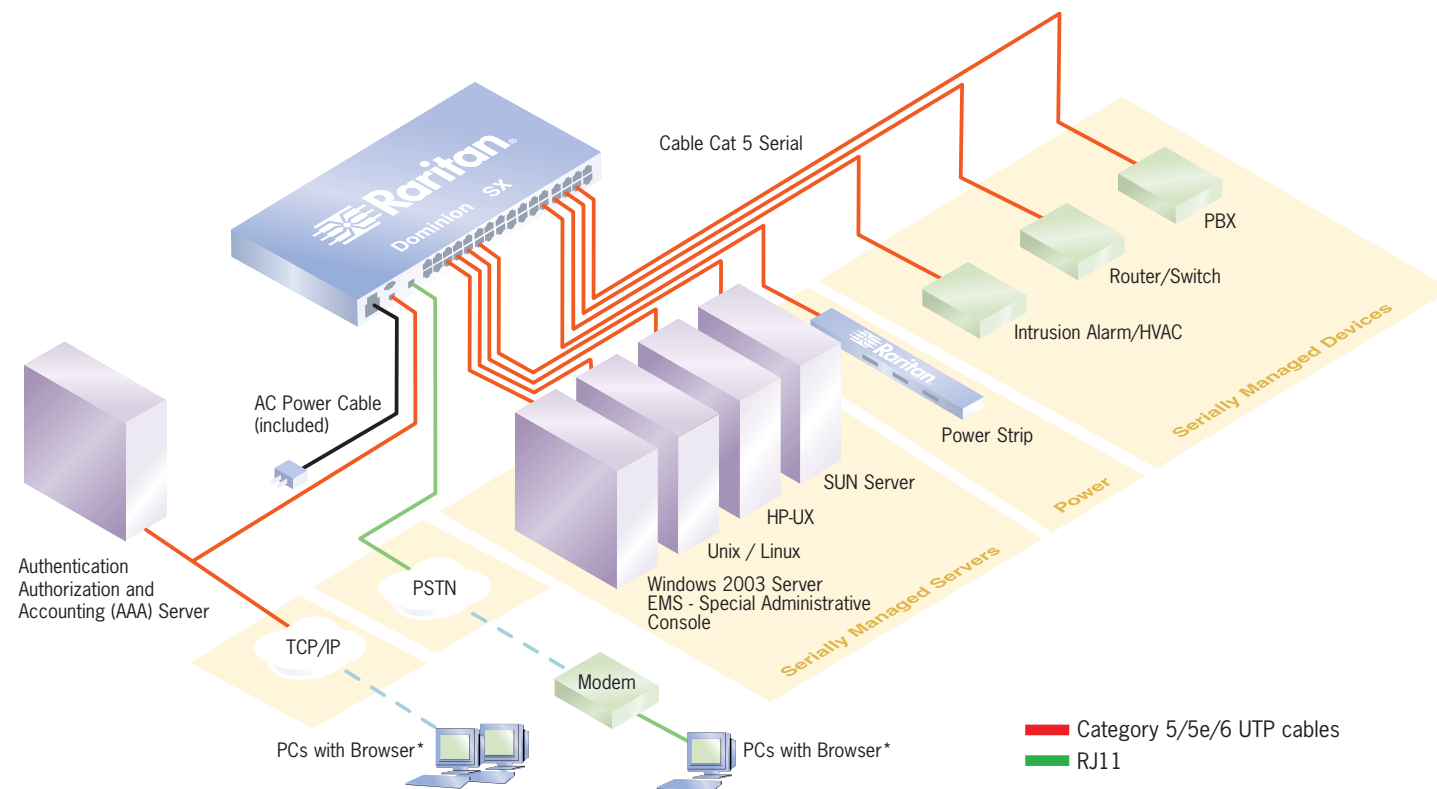
- ▶ Dramatically cuts management costs by eliminating expensive 24x7 IT support at all locations
- ▶ Significantly reduces the burden and expense of unplanned downtime, while maximizing uptime
- ▶ Diminishes the need for expensive and inconvenient travel to remote locations

## Simple

- ▶ Easy and convenient point-and-click access via a Web browser from a desktop or laptop
- ▶ No need to acquire, manage and maintain SSH and/or terminal client software for the host and client
- ▶ Simplifies system administration tasks with TCL scripting for remote monitoring and event notification
- ▶ Sets up in minutes via 'plug-and-play' with no complicated client software

## Secure

- ▶ Maximizes security - encrypts all communications with 128-bit Secure Socket Layer (SSL) handshake protocol and RC4 encryption
- ▶ Architecture prevents unauthorized or inadvertent adds, changes and deletes, and does not allow access to the console server's operating system
- ▶ Provides common Authentication, Authorization and Accounting (AAA) for all users and administrators
- ▶ Supports user-defined security certificates
- ▶ Encrypts and stores all user names and passwords encrypted with MD5 hashed key
- ▶ Provides IP Access Control Lists (ACL) that restrict access from certain IP addresses
- ▶ Includes 'SecureChat', a feature allowing up to 10 users per port to collaborate with 128-bit SSL encryption



**NOTE:** On certain servers, depending on serial pin-outs, an adapter may be required  
**\*Remote User** - Administration of Dominion SX and access to serially managed servers and other devices

# Secure serial console management and remote power control.

## Scalable

- ▶ Can scale up to 10,000 devices when deployed to manage in conjunction with Raritan's CommandCenter™
- ▶ Supports up to 320 users on a single box

## Features

- ▶ Built-in modem is standard in SX16 and SX32 models
- ▶ Modem - "ready" - SX4 and SX8 models
- ▶ 1U rack mountable
- ▶ Multi-platform: Solaris®, HP-UX, UNIX®, Linux and Windows® 2003 Servers
- ▶ SSL security with RC4 encryption
- ▶ Browser-based administration allows remote system maintenance and true 'lights-out' deployment
- ▶ Monitor up to 32 separate servers/devices on one server

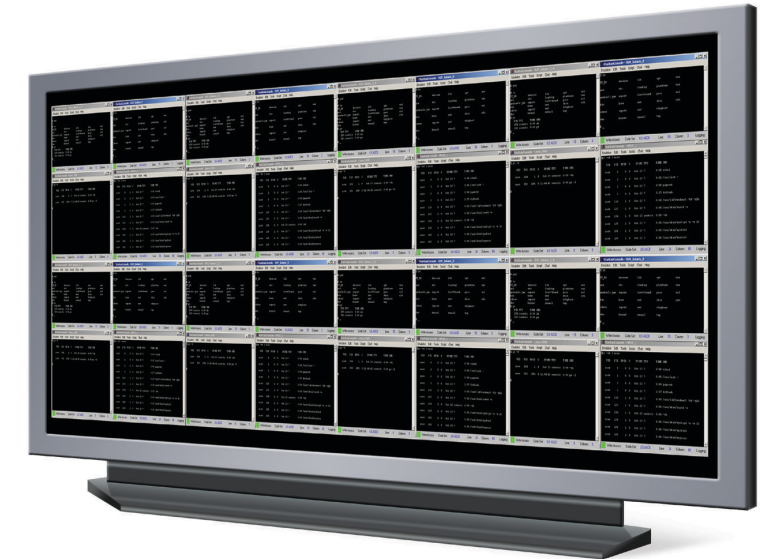
## Applications

- ▶ Remote console management
- ▶ Server and network management
- ▶ Industrial/commercial automation

## Distributed by:

Raritan Computer, Inc., founded in 1985, is the leading provider of KVM (keyboard/video/mouse) and remote management solutions for access and control of servers and other network devices. With 18 consecutive years of profitable growth and technical innovation, Raritan makes 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 out-of-band solutions to manage data center equipment, while improving operational productivity.

## One Consolidated View



- ▶ A single, consolidated view of all serial console devices from one screen accessed via Web browser
- ▶ One sign-on and single interface providing easy access to all serial devices
- ▶ One IP-address to access all of your connected serial devices
- ▶ Java-enabled Web browser provides VT100 terminal emulation that supports the following code-sets:

ISO 646-US	US ASCII
ISO 8859-1	Latin-1
ISO 8859-15	Latin-9