



Paragon II

Paragon II is a stackable, Cat5 KVM switch that allows IT staff to manage up to 10,000 ports.

UMT242

- 2-user
- Up to 42 ports

UMT442

- 4-user
- Up to 42 ports

UMT832M

- 8-user
- Up to 32 ports

UMT832S

- UMT832M Stacking unit
- Stack an additional 32 ports

UMT1664M

- 16-user
- Up to 64 ports

UMT1664S

- UMT1664M Stacking unit
- Stack an additional 64 ports

Paragon II System Controller

P2-SC

- An interface device that allows multiple Paragon II systems to be remotely accessed and controlled through CommandCenter.

Cat5 Stackable, KVM Solution With Integrated IP Access

Proven Paragon analog technology with stacking, optional integrated KVM-over-IP access and superior management capabilities

Paragon II, the industry's best stackable Cat5 KVM (Keyboard, Video, Mouse) solution, gives IT professionals the power to access and control servers and other network devices anytime, anywhere. With Paragon II, you can stack units to gain up to 128 computer ports and control up to 10,000 servers by tiering stacked units and adding memory cards. Paragon II has superior KVM switch technology that dramatically reduces equipment costs and optimizes space utilization. What's more, this generation of Paragon provides the highest levels of manageability, security and superior video quality to simplify the administration of business-critical data centers.

Innovative modular architecture

Paragon II distributes KVM switching and control functions across modular, intelligent components:

Main switching unit (M model) - A secure, intelligent, non-blocked control unit that connects users to servers. Its stackable architecture provides the industry's highest port density, making it ideal for large data centers with densely packed racks.

Stacking unit (S model) - A cost-effective, space-saving expansion unit that easily brings up to 128 non-blocked ports to each switch with 90% less cable than cascading. Stacking units are compatible with Paragon II models UMT832M and UMT1664M.

These units:

- Reduce the burden of multiple cables between tiers.
- Reduce Total Cost of Ownership (TCO) by more than 30%.
- Save up to one third of rack space and HVAC resources.

User station (P2-UST) - Designed to fit conveniently under the user's monitor, the Paragon II User Station includes an intuitive On-Screen User Interface (OSUI) for easy access to attached servers. Connects to USB, Sun® and PS/2® keyboard and mouse.

User station with integrated IP access (P2-USTIP) - Provides KVM-over-IP capability for anytime, anywhere access and control of Paragon II-connected servers. With a slim design and familiar Raritan Remote Client GUI, it combines the User Station role of the P2-UST and IP gateway functionality into one device. It also provides on/off/recycle capabilities for power-strip-connected devices. The UST-IP supports 128-bit SSL encryption and local or centralized authentication.

System Controller (P2-SC) - Allows multiple Paragon IIs to be controlled by CommandCenter®, Raritan's enterprise management appliance. CommandCenter provides a single sign-on to a consolidated view and BIOS-level control of all the servers and serial devices in your IT infrastructure, from anywhere via Web Browser.



When you're ready to take control.™

The Industry's Best Cat5 Enterprise Class KVM Solution

Computer interface modules (CIMs) – Provide 'keep-alive' keyboard/mouse emulation at the server. Just plug a CIM into a server's keyboard, monitor and mouse ports and connect it to Paragon II with a single UTP (Cat5/5e/6) cable. The small and slim Paragon II CIMs provide the added convenience of firmware upgradeability without interrupting the installed configuration.

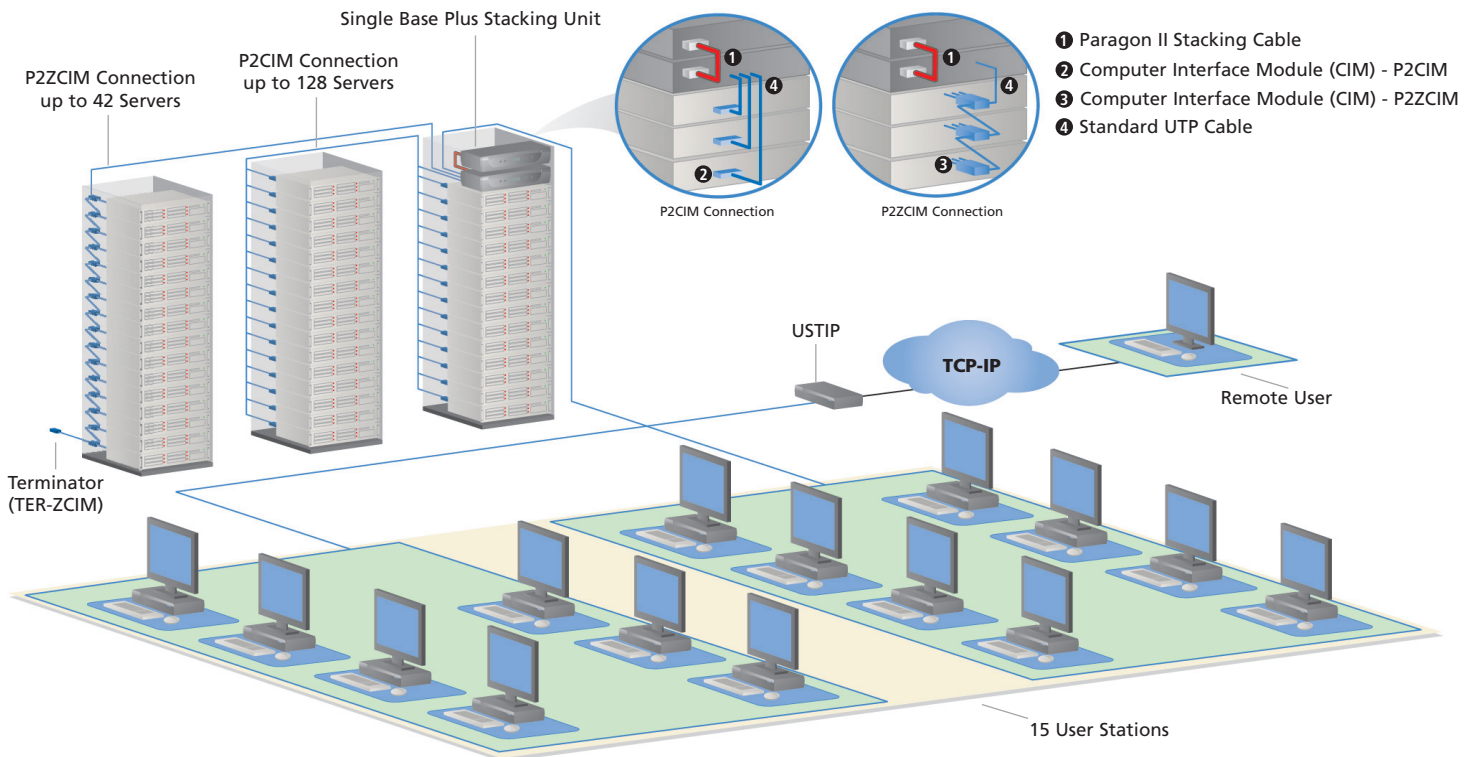
P2ZCIMs – Connect up to 42 mixed platform PS/2®, Sun® and/or USB servers on a single Cat5 cable chain, using only one target port on your Paragon II unit. Extend distances of up to 1,000 feet from the main switching unit to the last P2ZCIM in the chain.

Performance

Non-blocked access – Up to 64 users have a clear path to up to 10,000 servers, dramatically increasing productivity with no user blocked from accessing any server.

Cross-platform support – Seamless access to all operating systems, platforms and connections: Linux®, Windows® NT, UNIX®, Novell®, Sun, IBM® RS/6000® and pSeries®, HP9000®, Alpha™, SGI®, ASCII/serial USB or PS/2.

High-quality video over great distances – Paragon II's automatic video tuning delivers the highest possible video quality. Unlike competitive offerings, it offers the capability of fine-tuning a signal for the individual eye.



P2-SC Brings Paragon II Switches Under Centralized Command

Paragon II System Controller

Paragon II System Controller (P2-SC) is an intelligent interface device that allows multiple Paragon II systems to be accessed and controlled from a centralized CommandCenter management appliance. With P2-SC, CommandCenter seamlessly integrates Paragon II's non-blocked access and analog Cat5 KVM switching with the efficiency and flexibility of Raritan's Dominion Series of digital KVM switches, serial console servers and remote office / branch office remote management appliances.



CommandCenter provides a single sign-on to a single interface, giving your administrators a 360-degree view, click-and-control access and BIOS-level control of all of your servers and IT devices, whether they're at the rack, at their desks, in the NOC or anywhere in the world. The result: increased uptime, dramatically increased IT productivity and vastly reduced incident response times and mean time to fix failures.

By bringing Paragon switches under CommandCenter control, P2-SC:

Simplifies access:

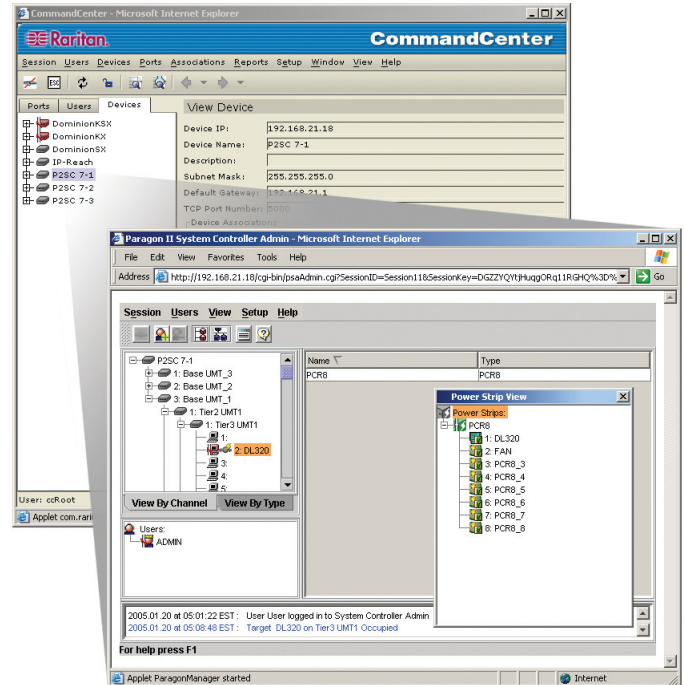
- Supports single sign-on and centralized Authentication and Authorization of remote Paragon II users.
- Eliminates the need to maintain a list of Paragon II IP addresses.

Enhances security:

- Centrally authenticates and authorizes remote users to Paragon systems.

Increases efficiency:

- Logs and presents system activity and user changes.
- Allows administrators to centrally upgrade Paragon II firmware.



Improves usability:

- Manages user profiles.
- Provides a central view of all target and multi-base units.

Increases scalability:

- Supports up to eight Paragon II base units per subnet.
- Supports tiering from Paragon II base units (up to 3 tiers).
- Supports P2ZCIMs (up to 42 servers).

Compatibility

- Supports tiering configurations.
- Supports Raritan power strips.
- Supports Paragon ZCIMs.
- Works within Paragon II, IP Reach and Paragon User Station configurations.
- Compatible with USTIP in Q2, 2005.

Specifications



P2-UMT832M



P2-UMT832S

Paragon II Main Switching Units	Description	Dimensions - (WxDxH)	Weight	Power
P2-UMT1664M	16 users x 64 server ports, expansion slot, stacking port, network port	17.32" x 11.41" x 3.5"; 440 x 290 x 89mm	12.52 lbs; 5.68 kg	100V/240V 50/60 Hz 0.6A
P2-UMT832M	8 users x 32 server ports, expansion slot, stacking port, network port	17.32" x 11.41" x 1.75"; 440 x 290 x 44mm	9.83 lbs; 4.46 kg	100V/240V 50/60 Hz 0.6A
P2-UMT442	4 users x 42 server ports, expansion slot, network port	17.32" x 11.41" x 1.75"; 440 x 290 x 44mm	10.13 lbs; 4.59 kg	100V/240V 50/60 Hz 0.6A
P2-UMT242	2 users x 42 server ports, network port	17.32" x 11.41" x 1.75"; 440 x 290 x 44mm	10.03 lbs; 4.54 kg	100V/240V 50/60 Hz 0.6A

Paragon II Stacking Units	Description	Dimensions - (WxDxH)	Weight	Power
P2-UMT1664S	64 expansion server ports for stacking with P2-UMT1664M	17.32" x 11.41" x 3.5"; 290 x 440 x 89mm	11.99 lbs; 5.44 kg	100V/240V 50/60 Hz 0.6A
P2-UMT832S	32 expansion server ports for stacking with P2-UMT832M unit	17.32" x 11.41" x 1.75"; 290 x 440 x 44mm	8.99 lbs; 4.08 kg	100V/240V 50/60 Hz 0.6A



P2-UST



P2-USTIP1

Paragon II User Stations	Description	Dimensions - (WxDxH)	Weight	Power
P2-UST	Analog access point with PS/2, USB and Sun console	11.4" x 10.1" x 1.75"; 290 x 255 x 44mm	4.3 lbs; 1.9 kg	100V/240V 50/60 Hz 0.6A
P2-USTIP1	Remote digital access point for 1 KVM/IP user	17.2" x 11.46" x 1.72"; 440 x 291 x 44mm	8.05 lbs; 3.65 kg	115V/230V 50/60 Hz 0.3A
P2-USTIP2	Remote digital access point for 2 KVM/IP users	17.2" x 11.46" x 1.72"; 440 x 291 x 44mm	8.16 lbs; 3.70 kg	115V/230V 50/60 Hz 0.6A



P2-SC

Paragon II System Controller	Description	Dimensions - (WxDxH)	Weight	Power
P2-SC	Access and controller for multiple Paragon II Systems.	17.32" x 11.41" x 1.75"; 440 x 290 x 44mm	9.03 lbs; (4.1kg)	100/240V, 50/60 Hz 2.0A

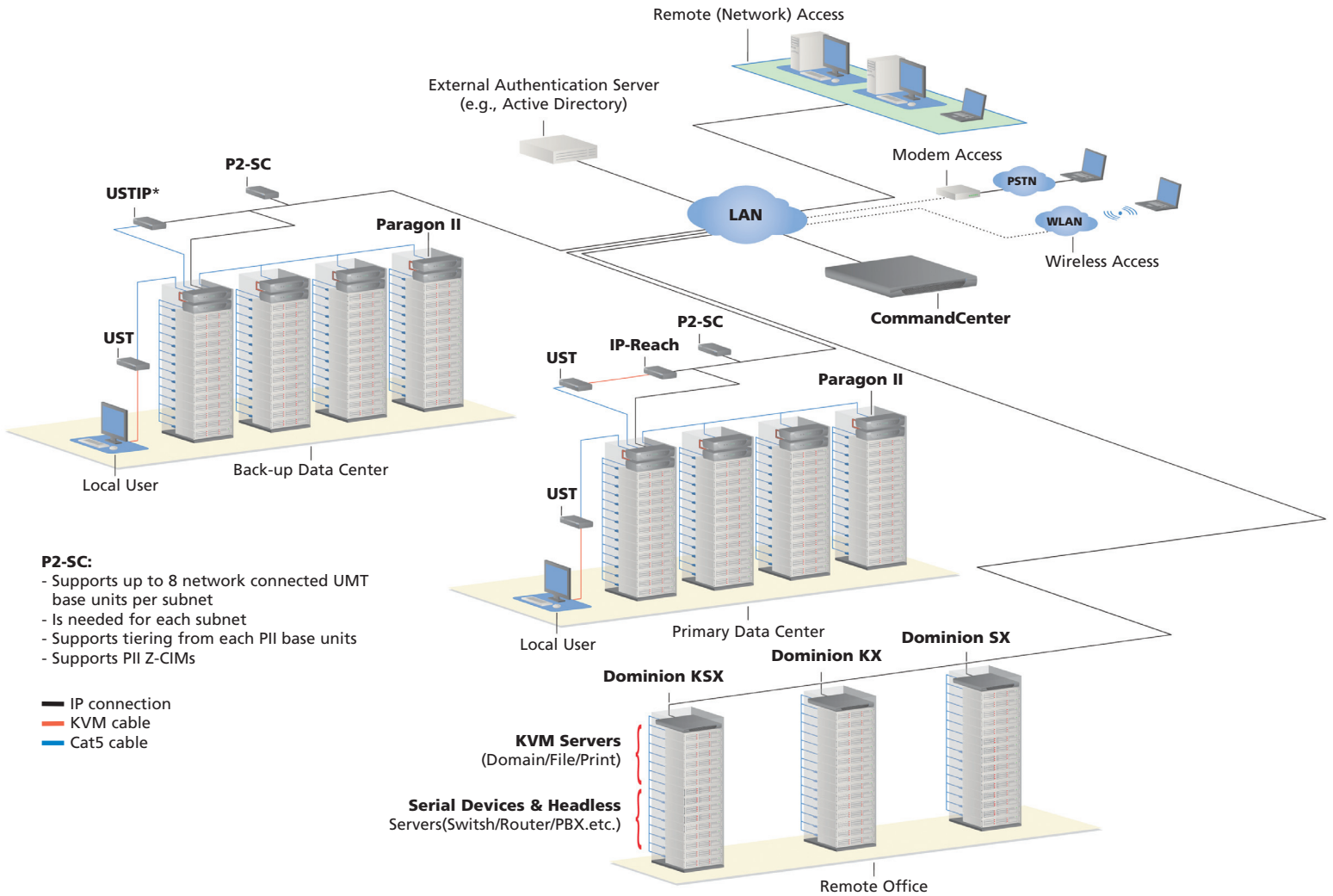
Paragon CIMs	Description	Dimensions - WxDxH	Weight
P2CIM-PS2	CIM for PS/2	1.3" x 3.0" x 0.6"; 32 x 77.4 x 15.6mm	0.20 lb; 0.09 kg
P2CIM-SUN	CIM for SUN	1.3" x 3.0" x 0.6"; 32 x 77.4 x 15.6mm	0.13 lb; 0.06 kg
P2CIM-USB	CIM for USB	1.3" x 3.0" x 0.6"; 32 x 77.4 x 15.6mm	0.20 lb; 0.09 kg
P2CIM-SUSB	CIM for SUN USB	1.3" x 3.0" x 0.6"; 32 x 77.4 x 15.6mm	0.148 lb; 0.067 kg
P2CIM-PS2DUAL	CIM for PS/2 provides 2 separate channel ports	1.42" x 3.39" x 0.65"; 36 x 86 x 16.5mm	0.177 lb; 0.08 kg
P2ZCIM-PS2	ZCIM for PS2	1.41" x 0.64" x 3.22"; 36 x 16 x 82mm	0.18 Lb; 0.08 kg
P2ZCIM-USB	ZCIM for USB. Features a toggle switch to allow use with both Sun and non-Sun USB computer.	1.25" x 0.61" x 3.04"; 32 x 15 x 77mm	0.15 Lb; 0.07 kg
P2ZCIM-SUN	ZCIM for Sun	1.41" x 0.64" x 3.22"; 36 x 16 x 82mm	0.17 Lb; 0.08 kg
P2ZCIM-PS2L	ZCIM for PS2 with a 36" cable for use with a cable management arm.	1.42" x 0.64" x 3.22"; 36 x 16 x 82mm	0.27 Lb; 0.12 kg
P2ZCIM-USBL	ZCIM for USB with a 36" cable for use with a cable management arm.	1.26" x 0.61" x 3.04"; 32 x 15 x 77mm	0.21 Lb; 0.1 kg
P2ZCIM-SUNL	ZCIM for Sun with a 36" cable for use with a cable management arm.	1.42" x 0.64" x 3.22"; 36 x 16 x 82mm	0.21 Lb; 0.1 kg
TER-ZCIM	RJ45 Terminator	0.31" x 0.45" x 0.92"; 8 x 11 x 23mm	0.007 Lb; 0.003 kg
P2CIM-USBG2	CIM for P2-HUBPAC. Works with PC, MAC and SUN USB configurations.	1.4" x 0.64" x 3.2"; 35.6 x 16.3 x 81.3mm	0.2 lbs; 0.09 kg

Warranty	Two Years with Advanced Replacement*
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*To qualify for advanced replacement under the standard warranty, you must register the product at http://Raritan.com/standard_warranty.
- Specifications are subject to change without notice.

Paragon II - A Part of your Centrally Controlled Enterprise



P2-SC:
 - Supports up to 8 network connected UMT base units per subnet
 - Is needed for each subnet
 - Supports tiering from each PII base units
 - Supports PII Z-CIMs

* USTIP will be compatible with P2-SC in Q3, 2005.
 Note: This is a sample configuration design, Raritan products will work in various configurations.

**When you're ready to take control,
 do it with Paragon II.**
 Call 1.800.724.8090 or visit Raritan.com/paragonII

Raritan Computer, Inc. is a leading supplier of IT infrastructure management solutions for secure access, monitoring and management of servers and other IT devices in data centers and remote offices. 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, while improving operational productivity. More information on the company is available at Raritan.com.