Managing your servers from anywhere in the world! Rextron’s Digital KVM via IP, KIPS-01, allows network administrators to control and monitor servers from anywhere in the world over the Internet. More than that, it also allows BIOS level remote control of a target server or servers connected to a KVM switch over a TCP/IP network. Administrators can control, reset and reboot servers in a datacenter from a remote location and even watch the entire boot process remotely. It offers unique USB capability and the ability to transfer files to the server from a remote location. Remote CD-ROM emulation even allows you to install or update your server’s Operating System via an Internet connection.

This unit is controlled from any web browser, eliminating the need for proprietary client access software, saving thousands of dollars in per user licensing fees. Security is assured for your sensitive data using several security mechanisms, including Radius authentication, SSH tunneling, etc. It is compatible with most existing KVM switches and provides full cross-platform and multiple operating system support.
Hardware:

- End to end encryption
- VNC open-source client
- USB file transfer
- RADIUS, SNMP and DHCP
- Tiny metal case
- Dual ethernet
- Dial-up modem option

Client software is open-source VNC client, or browser-based Java VNC client.

Supports video modes up to 1600 x 1200 @ 85Hz. PS/2 keyboard and Intellimouse (scrolling) mouse protocols.

Dual ethernet connections provide "out of band" access to the server via two paths. Optional modem provides a third path to critical servers.

SNMP, RADIUS and DHCP support make deploying multiple channels easy, and central management a breeze.

Connectors and Indicators

- **Ethernet LAN**: Connects device to any existing TCP/IP network.
- **Secondary WAN ethernet**: Provides a secondary network data path. This port has a separate security profile, so that it can be used in a DMZ (De-Militarized Zone) or even connected to the public Internet.
- **KVM+ Connections**
  - PS/2 Keyboard, mouse to host.
  - Video in from host.
  - USB to host.
  - RS-232 DCE to host (used for setup).
- **LED Indicators**: LAN, WAN link/activity (x2 each), USB Good Link (x2), VGA good (x2), Power (x2).
- **External Modem**: Factory installable option gives dial-up modem access, for the ultimate in remote access.
- **RS-232 DTE port**: For connection to external power bar, UPS, external modem or IPMI enabled system.
- **IPMI v1.5 option**: Connect serial port to IPMI enabled server to monitor health (voltages, temperatures) and power on/off.

General Specifications

- Max video mode: 1600x1200 @ 85Hz (and all non-interlaced VESA modes).
- Compatible with most enterprise-class KVM switches with on-screen control.
- Included cables: external AC/DC power supply.
- Dimensions: 7.8"W x 0.84"H x 6.6"D, plus connectors.
- Max power consumption: 15 watts.
- Options: Secondary/redundant power supply.
  - Rack mounting kit. Mounts up to four units in 1RU of space.

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