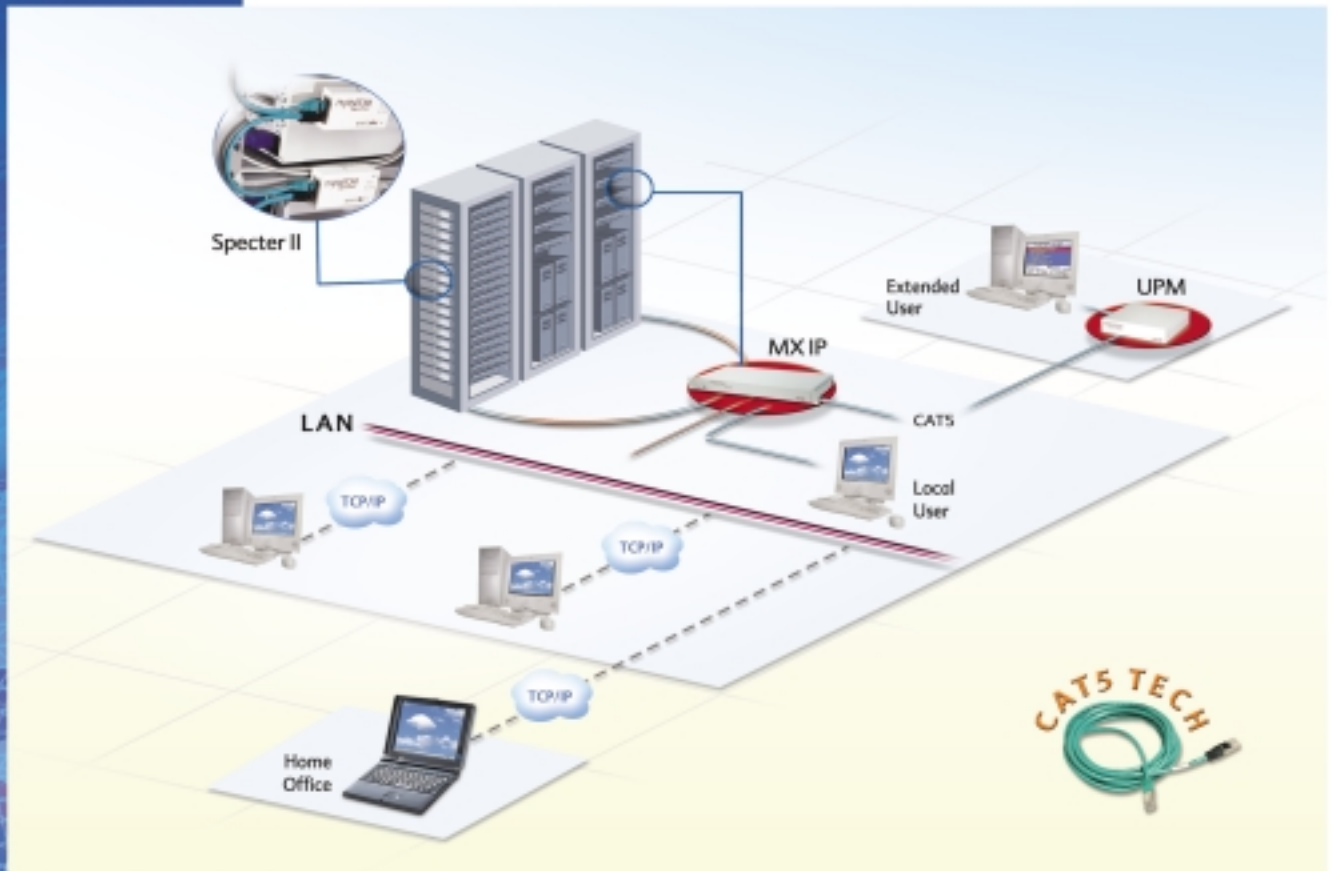


# PHANTOM MXIP

## MULTI-USER KVM SERVER MANAGEMENT – WITH IP!



- Remote KVM access over IP – manage servers around the world
- Multiple server management – up to 63 servers on a single line
- Multiple user access – simultaneous analog and digital users
- BIOS-level access – independent of server OS
- 128-bit SSL encryption – secure data transfer
- Back-up access – DSL, ISDN or analog modem in case of network crashes
- Multi-platform support – PS/2, SUN, USB, and RS-232 in one system
- Software independence – access KVM system with a standard browser
- Low density CAT5 cable – eliminate cable clutter at the rack
- Advanced power management options
- Save time & costs – cut downtime, replacement equipment, travel, and service call expenses

## MULTI-USER KVM SERVER MANAGEMENT – WITH IP!

### Multi User Server Management With IP

The Phantom MXIP system is a multi-user, multi-platform solution for local and remote IP KVM server management, which allows one local and one remote IP user to simultaneously access and control 63 servers. Based on Minicom's original DS (Distributed Switching) technology, the Phantom MXIP is the most scalable and flexible KVM solution for local and remote server management - with IP access. With the Phantom MXIP, businesses can save the costs of downtime, travel, and expensive service calls while increasing the productivity of their IT staff; letting them manage, configure, troubleshoot and reboot remote servers anywhere in the world.

The Phantom MXIP system consists of one Phantom MXIP manager unit with an IP port, an optional second management unit, the Universal Phantom Manager (UPM) and up to 63 Specter II remote units (one for each server). Both manager units are rack-mountable. All components are connected to each other via one standard CAT5 cable, and you simply add one compact Specter unit per server. No external power is needed at the remote Specter units.

### From Server Rooms to Data Centers

The Phantom MXIP is an ideal solution for data centers that require more than one supervisor and need the flexibility to operate from local, extended (up to 110m/360 feet) and remote locations over IP.

### Industry Standard Security

The industry's most secure encryption, using 128-bit SSL protocol, guards your corporate data through every kind of remote access, to efficiently prevent hacking and security breaches.

### BIOS-level, Multi-Platform Access

As a pure hardware solution, the Phantom MXIP lets you connect directly to servers on the BIOS-level to access and control mixed environments, including PS/2, SUN, USB and RS-232 devices.

### Remote Access Internet, LAN, or Modem

The Phantom MXIP gives you convenient access using standard TCP/IP connections to mission-critical servers through Internet or LAN, with DSL, ISDN, analog modem, as back-up access if the network is down. The Phantom MXIP's browser-based functionality avoids the need to install proprietary software on client or server.

### Multiple Remote Access Applications

The Phantom MXIP can be used for a wide range of applications:

- Local, extended or remote KVM access to server rooms or data centers
- Whenever businesses require constant contact with servers, wherever they are
- Network administrators maintaining servers across the campus or the world
- Technicians troubleshooting remote PCs from their own offices or homes



### Specifications:

<b>OPERATING SYSTEM</b>																					
Local Computer	DOS,Novel, Linux, SUN, Windows 98, ME, 2000, XP and later.																				
Remote Computer	Windows 98, ME, 2000, XP and later, Linux, Internet browser with full Java supp...																				
<b>RESOLUTION</b>																					
Local Computer	Up to 1280x1024 @75Hz																				
Remote Computer	Recommended resolution should be higher than resolution on local computer																				
Number of remote Units	64																				
Maximum distance	110m/360ft																				
Connection Type	<table border="1"> <tr> <td>RJ45</td> <td>LAN, Autosensing 10/100 Mbit/s</td> </tr> <tr> <td>RJ45</td> <td>Euro ISDN (EMEA Version only) 2x64 kbit/s</td> </tr> <tr> <td>RJ45</td> <td>2nd user CAT 5 FTP Cable</td> </tr> <tr> <td>2xRJ45</td> <td>System (Specters)</td> </tr> <tr> <td>DB9</td> <td>COM1 for initial configuration and external modem</td> </tr> <tr> <td>DB9</td> <td>COM2 for power management only</td> </tr> <tr> <td>DB9</td> <td>For RS-232 applications</td> </tr> <tr> <td>RJ11</td> <td>Service</td> </tr> <tr> <td>HD15-MiniDIN6</td> <td>Local CPO connection</td> </tr> <tr> <td>MiniDIN6</td> <td>User KVM Connection (cable supplied with system)</td> </tr> </table>	RJ45	LAN, Autosensing 10/100 Mbit/s	RJ45	Euro ISDN (EMEA Version only) 2x64 kbit/s	RJ45	2nd user CAT 5 FTP Cable	2xRJ45	System (Specters)	DB9	COM1 for initial configuration and external modem	DB9	COM2 for power management only	DB9	For RS-232 applications	RJ11	Service	HD15-MiniDIN6	Local CPO connection	MiniDIN6	User KVM Connection (cable supplied with system)
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Shipping Weight	2 kg / 4.4 lb																				
Product Weight	1.5 kg / 3.3 lb																				
Dimensions	225 x 220 x 43 mm / 8.86 x 8.66 x 1.69 in																				
Power Supply	85 – 265 VAC, 50 / 60 Hz																				
Warranty	1 Year																				
Operating Temp	5°C to 40°C / 41-104°F																				

### Ordering Information

Product	Order No.
Phantom MXIP	OSU21023
Universal Phantom Manager	OSU52015
Phantom Specter II PS/2	OSU51012
Phantom Specter II USB / SUN USB	OSU51011
Phantom Specter II SUN	OSU51013
Phantom Specter II RS232	OSU51014
Rack Mounting Plate	5AC00202
Reset Power Management Bracket	OSU21024



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