



The IP Console Module is a cost-effective solution to enhance the management ability of KVM switches. It allows you to manage servers from anywhere via an IP without upgrading your KVM equipments. By just plugging the module into Tangtop's KVM Switch, such as 1+1 Console KVM Switch or 4 Console Matrix Switch, you can easily upgrade your KVM switches to IP level.

IP
remote
function

RJ45
interface

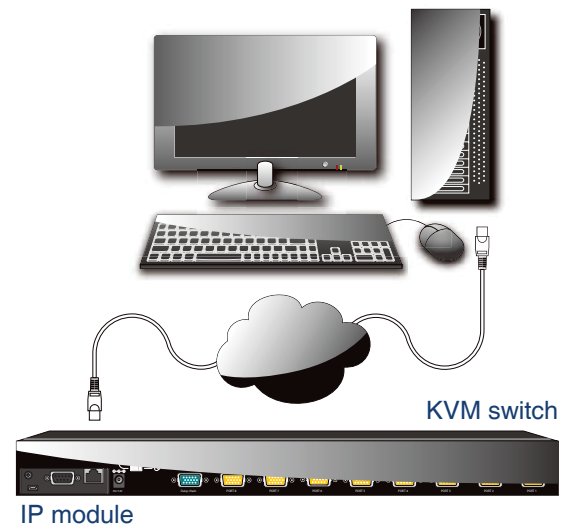
USB
RS232
interface

ROHS
Compliant

Features

- Manage servers around the world.
- KVM (keyboard, video, and mouse) access over IP and analogous telephone line (modem needed)
- Full control under any OS, in BIOS mode, during boot, at Blue Screens
- No additional software necessary on servers
- 256 bit SSL encryption of all transmitted data and Certificate management
- Automatically senses video resolution for best possible screen capture
- High-performance mouse tracking and synchronization
- Automatic adjustment of data rate to transmission line
- Remote mass storage control
- Can be controlled over all java-enabled Browsers
- Firmware update via web interface
- Port to connect a user console for direct analogous access to KVM switch
- Can be used with most standard KVM

Application



Specification

Video Resolution (Remote Console)	1600 x 1200@60Hz
High color depth	16 bits
Remote Control	KVM Console (Java applet)
	Telnet Console
	Max 15 users access to the server simultaneously
Serial Port Mode (DB9 male)	Configuration console
	Modem dial-in
	Passthrough access to serial port via Telnet
	Power control
Protocols	TCP, IP, ARP, ICMP, HTTP/HTTPS, Telnet, DHCP/BOOTP, PPP
	SMTP, DNS, NTP
	Dynamic DNS
Security	Password Access Data Encryption SSHv2 HTTPS / SSL
Authentication	Local user database PAP/CHAP (for modem dial-in)
Event Log Function	Local NFS, SMTP, SNMP trap
Management	Local Craft Console for IP setting Telnet Web pages (HTTP/HTTPS) Firmware upgrade via Web interface Email notification according to the equipment alarm messages
Virtual Media	Floppy Disk CD-ROM Image Drive redirection
Operation Temperature	0~50
Storage Temperature	-20 ~ 60°C
Humidity	0~80%, Non-Condensing