NX1600 / NX3200 Series

IP Serial Console - Cat5 Benefits

► High density IP Serial Console with either 16 or 48 ports in 1U

► Enhanced rear cable management using Cat5 cords

► Multi level authentication via local database security

► Secure Remote IP access using SSH or telnet clients

Switch Features & Options

Use of the RJ45 Cat5 interface allows for a higher number of ports in smaller density

Traditional Cat5 cords, when compared to coaxial cables, provide simple cable management

Mix servers, switches, hubs and routers on one common platform

Low complexity serial management external to, and within your data centre

Console port buffering for quick analysis of system faults

Simple access to serial managed devices and headless servers

SMTP e-mail alert functions for critical events

Designed for:

Sun microsystems · IBM · hp · DELL · CISCO · SOLARIS · Microsoft Windows · Linux
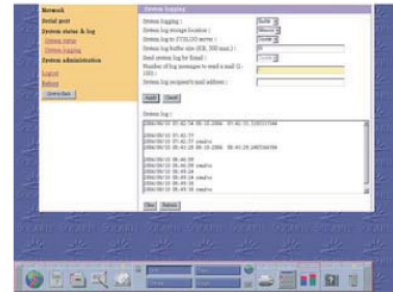
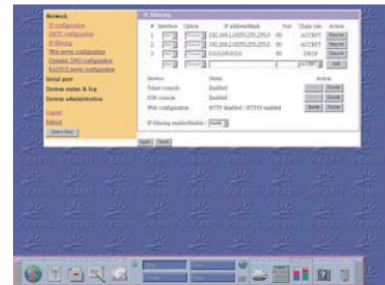System logging via email notification

Serial Console - Cat5

Expanding its range of server management solutions Austin Hughes introduces its new high density IP Serial console in 16 and 48 port. In today's networks and data centres we have an increasing mix of server hardware and operating systems as well as many other devices that are required to be accessed and managed from a single serial console switch. Austin Hughes provides a simple and secure solution for local and remote monitoring with access from around the world using either the TCP/IP network or simply a failsafe or redundant dial up modem connection

Multiplatform management from a single serial console

The Austin Hughes IP serial console switch deploys SSH v2 encryption so you can be sure that your password data is secure from intruders, in addition to this port alarm user messages can be logged and sent via e-mail automatically. The Austin Hughes IP Serial management console can be used to control all your distributed devices including servers, switches, hubs and routers from one single centralised access point.

Secure remote access

Dimensions				
Model	**Product Dimension** (W x D x H)	**Packing Dimension** (W x D x H)	**Net Weight**	**Gross Weight**
NX1600	443 x180 x44 mm 17.3x7.1 x 1.73 inch	510 x400 x77 mm 20.1 x 15.7x3 inch	3.5 kg / 8 lbs	4.5 kg/10 lbs
NX3200	443 x180 x44 mm 17.3x7.1 x 1.73 inch	510 x400 x77 mm 20.1 x 15.7x3 inch	3.5 kg / 8 lbs	4.5 kg/10 lbs

Technical	Specification		
• **Serial Port**		• **Compatibility**	SUN Solaris, IBM RS/6000 AIX, SCO
Number of ports	16or48viaRJ-45		Xenix, PC-based headless server, router,
Connectivity:	RS-232, Rx, Tx, RTS, DTR, DSR		terminal server, firewall & switch
Baud rate:	300 to 115200		
Flow control:	None, RTS / CTS, Xon / Xoff	• **Power**	
SUN break safe	Pass break or inhibit break	Input:	100 or 240VAC, 50 to 60 IEC type
		Option DC :	12V/24V/48V DC input
• **Ethernet Port:**	IEEE802.3 - 10/IOOBaseT, RJ45	Consumption :	Max. 25 Watt
Authentication:	RADIUS, SSH, Telent, user database	• **Regulatory Approval**	: FCC, CE
• **Security:**	SSH v2, IP filtering, HTTPS / SSL,	• **Environmental**	
	password access	Operating :	0 to 50°C
		Storage:	-10to60'C
• **Protocol:**	TCP, UDP, IP, ARP, ICMP, HTTP/HTTPS,	Relative humidity:	90%, non-condensing
	Telnet, DHCP/BOOTP, PPP, SMTP,	Shock:	50G peak acceleration (11 ms, half-sine
	DNS, NTP, Dynamic DNS	Vibration :	58~100Hz / 0.98G (11 min / cycle)
• **Port Function:**	Operation modes, console server, terminal server, dial-in modem & terminal server, power controller		

NX1600

Power   Ethernet   Console

NX3200

Ethernet

Serial console
LCD KB Drawer

NX1600
NX3200

INTERNET

Remote Client

Remote Client

Office Computer

Solaris Servers
Unix Servers
AIX Servers
Linux Servers
Windows Servers

Routers
Switches
Hubs
UPS

NRF100

RJ45-DB9 male adapter

NRM100

RJ45-DB9 female adapter

CAT5-3
CAT5-6
CAT5-10
CAT5-15

Cat5 cable
3ft, 6ft, 10ft & 15ft