

NSH-3424

24-port Gigabit Ethernet Web

Managed Switch



RoHS  

Product Specifications

Interface	
Ports	24*10/100/1000 Mbps RJ-45
LED Indicators	1*Power LED(Green) 1*Port LED(Green) 24*port LEDs(Link/Act: Green)
Memory	Flash : 16MB DDR II : 128MB
Reset Button	Reset to default (put it at the front right side)
Power Switch	Power on/off switch
Power Input	Overload protection(by power module fuse) Internal power supply 12V/1.67A , AC Power input (100V~240V, 47 ~63Hz)
Performance	
MAC Address Table Size	8K
Buffer Memory	524.8K Bytes
Jumbo Frame	10K Bytes
Switching Capability	14880pps at 10Mbps, 148810pps at 100Mbps, 1488095pps at 1Gbps with 64bytes packets
Switch Fabric	48Gbps
Forwarding Rate	35.7 million packets per second
Physical & Environmental	
Temperature	Operating : 0°- 50°C (32°- 122°F) Storage : -40°- 70°C (-40°- 158°F)
Humidity	Operating: 10% ~ 95% RH, non-condensing
Dimensions	267(W) X 162(D) X 42(H) mm
Certification	EMC/FCC, CE Class A; Safety/LVD EN60950-1
Specifications	
Standard Compliance	IEEE 802.3/802.3u/802.3ab, IEEE 802.3x flow control IEEE 802.3az Energy Efficient Ethernet, IEEE 802.1p class of service, priority protocols Full-duplex and half duplex operation with IEEE802.3x flow control and backpressure N-way auto-negotiation Store and forward

Software Features

L2 Features		Support			Support
Flow Control	802.3x (Full-duplex)	YES	Spanning Tree	IEEE 802.1D (STP)	YES
	Back-Pressure (Half-duplex)	YES		IEEE 802.1w (RSTP)	YES
VLAN	Static VLAN	YES		Self Loop Detection	YES
	Port-based	YES	IGMP Snooping	Multicast Groups	256
	IEEE 802.1Q Tagged Based	YES		IGMPv1/v2	YES
Link Aggregation	IEEE 802.3ad LACP	YES		IGMPv3 Basic (BISS)	YES
	Static Trunk	YES		IGMP v2/v3 Querier	YES
	Max. Group	8		Immediate Leave	YES
	Max. Ports/Group	8	IEEE 802.1AB Link Layer Discovery Protocol (LLDP)		YES
	Traffic Load Balancing	YES			

QoS Features

L2 Features		Support	Security		Support
Priority Queue		8 queues/port	HTTPS and SSL 2.0 (Secured Web)		YES
Rate Limit	Port-based (Ingress/Egress)	YES	Local Authentication		YES
Queue Scheduling	WRR	YES	Multiple User Account		YES
	WFQ	YES	Multi-Level Security		YES
	Strict Priority	YES	(Manager/Operator)		YES
			Password Recovery		YES
Class of Service	Port-based	YES	Procedures		YES
	802.1p	YES	Management VLAN		YES
	IP TOS Precedence	YES	Protected Port (Port Isolation)		YES
	IP DSCP	YES	DoS Prevention		YES
Storm Control	Broadcast	YES			
	Unknown Multicast	YES			
	Unknown Unicast	YES			

Management

L2 Features		Support			Support
Command Line Interface (CLI)	Telnet (RFC854)	YES	DHCP	Client	YES
Web-based Management (Web UI)	HTTP	YES	DNS	Client	YES
SNMP	v1	YES	Mirroring	Port-based (Many to One)	YES
	v2c	YES	Syslog		YES
MIBs	RFC1213 MIBII (System & Interface groups)	YES	Time Setting	Local	YES
	RFC2819 RMON I (1,2,3, & 9 groups)	YES		SNTP	YES
File Management	Firmware Upgrade/Backup	YES	Cable Diagnostics	Cable Test	YES
	Configuration Download/Backup	YES	Port Utilization		YES
Upload/Download	TFTP (RFC783)	YES	Reset Button		YES
	HTTP	YES	EEE (802.3az)		YES