



Art No. NS0098

5-Port 10/100Mbps Desktop Switch with 4-Port PoE

NS0098 is a 5 10/100Mbps ports unmanaged switch that requires no configuration and provides 4 PoE (Power over Ethernet) ports. It can automatically detect and supply power with all IEEE 802.3af compliant Powered Devices (PDs). The electrical power is transmitted along with data in one single cable allowing you to expand your network to where there are no power lines or outlets, where you want to install devices such as APs, IP Cameras or IP Phones, etc.

Features:

- With four PoE ports, transfers data and power on one single cable
- Working with IEEE 802.3af compliant PDs, expands home and office network
- Up to 15.4W of power on
- Supports 10/100 Base-T applications
- Safe and reliable power to WLAN Access Points
- Automatic detection and protection of non-standard Ethernet terminals
- Plug & Play, requires no configuration
- Easy installation and maintenance
- With internal power supply
- Power Saving Technology
- Mount kit available for fixing at your desirable place

Specification:

Hardware Specification	
Network Connector	5-Port RJ-45 for 10/100Base-TX
PoE Inject Port	4-Port with PoE Injector function, Port 2 to Port 5
Switch Architecture	Store-and-Forward switch architecture
Switch Fabric	1Gbps / non-blocking
Throughput	6.547Mpps @64Bytes
Address Table	8K entries
Share Data Buffer	512Kbytes
Max. Frame Size	9K Bytes
Flow Control	Back pressure for Half-Duplex IEEE 802.3x Pause Frame for Full-Duplex

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Chipset	RTL8367
LED Display	Power, & FAN Alarm
	Link/Activity (Green)
	PoE Port In-Use (Amber)
	10/100 LNK / ACT (Green)
Reset Button	< 5 sec: System reboot
	> 5 sec: Factory Default
Dimension (W x D x H)	185x 113 x 44 mm, 1U height
Product Weight	925g
Power Requirement	100~240V AC, 50-60 Hz
Power Consumption / Dissipation	80 Watts maximum / hour maximum
Power over Ethernet	
PoE Standard	IEEE 802.3af Power over Ethernet / PSE
PoE Power Supply Type	End-Span
PoE Power Output	Per Port 52V DC, 350mA, Max. 15.4 Watts
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Budget	60 Watts
Max. number of Class 3 PD	4
Layer 2 Function	
Management Interface	Console, Telnet, Web Browser, SSL, SNMPv1, v2c
Port Configuration	Port disable/enable
	Auto-negotiation
	10/100Mbps full and half duplex mode selection
	Flow Control disable / enable
Bandwidth Control	Ingress / Egress Rate Control
	Allow to configure per 128Kbps
VLAN	IEEE 802.1Q Tag-based VLAN
	Port-based VLAN
	Q-in-Q tunneling
	Up to 255 VLANs groups, out of 4041 VLAN IDs

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Link Aggregation	Static Port Trunk
	IEEE 802.3ad LACP (Link Aggregation Control Protocol)
Quality of Service	Traffic classification based on :
	-Port priority
	-802.1p priority
IGMP Snooping	IGMP (v1/v2) Snooping, up to 256 multicast Groups
	IGMP Querier support
Port Mirror	RX / TX / Both
	1-to-1 mirroring
Security	IEEE 802.1x Port-Based Network access control
	Port Security
	Static MAC
	MAC Filtering
Access Control List	MAC / IP Binding
	IP-Based Layer 3 / Layer 4 ACL
SNMP MIBs	Up to 220 ACL rule entries
	RFC-1213 MIB-II
	RFC-2863 Interface MIB
	RFC-2665 EtherLike MIB
	RFC-1493 Bridge MIB
	RFC-2819 RMON MIB (Group 1, 2, 3,9)
	RFC-2737 Entity MIB
	POWER-ETHERNET-MIB
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Standards Conformance		
Regulation Compliance	FCC Part 15 Class A, CE	
Standards Compliance	IEEE 802.3: 10Base-T	
	IEEE 802.3u: 100Base-TX	
	IEEE 802.3z: 1000Base-SX/LX	
	IEEE 802.3ab: 1000Base-T	
	IEEE 802.3x: Flow Control	
	IEEE 802.3ad: Port trunk with LACP	
	IEEE 802.1D: Spanning tree protocol	
	IEEE 802.1w: Rapid spanning tree protocol	
	IEEE 802.1p: Class of service	
	IEEE 802.1Q: VLAN Tagging	
	IEEE 802.1x: Port Authentication Network Control	
IEEE 802.3af: Power over Ethernet		
Environmental		
Operating	Temperature:	0 ~ 40 Degree C
	Relative Humidity:	20 ~ 95%
Storage	Temperature:	-10 ~ 70 Degree C
	Relative Humidity:	20 ~ 95% (non-condensing)



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Package Contents:

- 1 x 5-Port 10/100M Switch with 4-Port PoE
- 1 x Power cord
- 1 x Mount Kit
- 1 x User Manual

Packaging Information:

- Packing Dimension: 224 x 207 x 74mm
- Packing Weight: 1.1kg
- Carton Dimension: 440 x 395 x 270mm
- Carton Q'ty: 10pcs
- Carton Weight: 11kg

