

Managed Industrial Switch

FNS400KW-248TF4-TGB-SFP-AR

Introduction

The newly developed FNS400KW-248TF4-TGB-SFP-AR Gigabit access 10G uplink network managed wide temperature switch adopts a new generation of high-performance hardware and software platforms, providing flexible and cost-effective Gigabit access 10G uplink ports, supporting complete security protection mechanisms, comprehensive ACL/QoS policies, and flexible VLAN functions, making it easy to manage and maintain, meeting the networking needs of users for easy management, high security, high performance, and low cost network equipment. It is specifically designed for municipal Customized series of indoor projects such as banks, education, hospitals, hotels, internet cafes, data centers, and outdoor new infrastructure projects can meet large-scale market demands.

Product features

- The working temperature range of -30 ° to 70 ° C meets all outdoor new infrastructure projects;
- No fan silent, energy-saving and environmentally friendly, reduces product power consumption, and delays product lifespan.
- Metal shell, multiple flexible installation methods, including desktop and 1U rack installation.

Gigabit access, 10G uplink

- The entire series provides gigabit access ports, with 4 fixed SFP+(compatible with 1G/2.5G/10G) 10G optical ports, and high-performance port uplink capability.

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Powerful business processing capabilities

- Supports IEEE 802.1Q VLAN, allowing users to flexibly partition VLANs according to their needs.
- Support voice VLAN, configure QoS parameters for voice data streams, improve the transmission priority of voice data streams, and ensure call quality.
- Supports QoS, supports three priority modes based on port, 802.1P, and DSCP, as well as queue scheduling algorithms such as SP, WRR, and WFQ.
- Support ACL, filter data packets by configuring matching rules, processing operations, and time permissions, and provide flexible security access control policies.
- Support IGMP Snooping and MLD Snooping to meet the needs of multi terminal high-definition video monitoring and video conference access.
- Support multicast VLAN and multicast filtering, efficiently transmit data, save network bandwidth, and reduce network load.
- Support port monitoring by copying a copy of the data packet from the monitored port to the monitoring port, achieving network monitoring.

Diverse reliability protection

- Support STP/RSTP/MSTP spanning tree protocol, support ERPS ring network protocol, eliminate layer 2 loops, and achieve link backup.
- Support the spanning tree security function to prevent devices in the spanning tree network from being subjected to various forms of malicious attacks.
- Support both static and dynamic aggregation, effectively increasing link bandwidth, achieving load balancing, link backup, and improving link reliability.

Multiple security protection mechanisms

- Support quadruple binding of IP address, MAC address, VLAN, and port to filter data packets.
- Support static routing, dynamic routing protocols such as RIP, RIPng, OSPF, OSPFv3, VRRP, etc.
- Support ARP protection against common ARP spoofing, ARP flooding attacks, etc.

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- Support IP source protection to prevent illegal address spoofing, including MAC spoofing, IP spoofing, MAC/IP spoofing, etc.
- Support DOS protection to protect against attacks such as Scan SYNFIN, Xmascan, Ping Flooding, etc.
- Support 802.1X authentication, provide authentication function for local area network devices, and control the authorization status of controlled ports based on the authentication results.
- Support DHCP Snooping, effectively eliminating the need for private DHCP servers and ensuring their legitimacy.

Easy operation and maintenance

- Support diverse management and maintenance methods such as web network management, CLI command line (Console, Telnet), SNMP (V1/V2/V3), etc.
- Support HTTPS, SSL V3, TLSV1, SSHV1/V2 and other encryption methods for more secure management.
- Support RMON, system logs, and port traffic statistics for network optimization and transformation.
- Support cable detection, Ping detection, and Tracert detection operations, making it easy to analyze faulty network nodes.
- Supports LLDP, making it convenient for network management systems to query and determine the communication status of links.
- Support CPU monitoring, memory monitoring, Ping detection, Tracert detection, and cable detection.

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Product specifications

Model	FNS400KW-248TF4-TGB-SFP-AR
Gigabit Ethernet Port	8
Gigabit SFP Slot	24
Shared Combo port	8
Backplane Bandwidth	1.2Tbps
Packet forwarding rate	406Mpps
10G SFP+ Slot	4
POE	NUll
Operating Temperature	-30 ºC ~70ºC
Storage Temperature	-40 ºC ~75ºC
Relative Humidity	5~95% (Non-condensing) 5%~95RH(Non-condensing)
Dimension	440*190*44mm
Power input	AC/DC 100-240V
consumption	< 35W

Order Information

Model	Description
FNS400KW-248TF4-TGB-SFP-AR	L3 layer Managed Switch:4 1G/10G SFP+ optical port , 8 Gigabit Shared Combo port,24 Gigabit SFP optical port, AC/DC 100-240V power supply, wide temperature (-30 ° C -70 ° C)

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