SNS-MR2228N-4C Switch

Fast Ethernet L2/4 Switch 28- ports; 24 10/100BASE-T (RJ-45) and 4 Combo Tri mode ports -100FX SFP (Small Form Factor Pluggable), 1000FX SFP or built-in RJ45 10/100/1000T for uplink with virtual IP Stacking support.

SNS-MR2228N-4C Product Overview

The SNS-MR2228N-4C is a high performance Fast Ethernet intelligent switch, part of the winning SNS-MR series. The SNS-MR2228N-4C is providing enhanced features such as an advanced security, quality of service (QoS), GVRP, VLANs and IGMP Snooping. The SNS-MR2228N-4C delivers wire-speed QOS, Security Filtering and Rate Limiting to the network edge ports. The hardware forwarding and ASIC based ACL policy ensure no effect and maintaining the simplicity of LAN switching of 12.8 Gbps. Using advanced IP Clustering, for a virtual stack of up to 36 switches into a single manageable unit. The SNS-MR2228N-4C is ideal as an access layer switch for education, government and large/medium enterprise networks. SNS-MR2228N-4C provides widespread L2/4 features such as BPDU Guard, BPDU Filter, Private VLAN,MVR, IEEE 802.3ad (LACP) Link aggregation, L4 QoS features include 802.1p and DiffServ, port-based 802.1x, Access Control Lists, SSH security features, HTTPS/SSL, rate-limiting, WRR, strict scheduling, Unique SMTP function to send alerts to the administrator's email box. The SNS-MR2228N-4C offers multiple security algorithms such as TACACS+, 802.1x, Port Security, Web management Encryption, SSL, RADIUS and Web management Encryption.

Key Feature Highlights:

• Wire-speed and line-rate performance on all ports.
• Auto MDI/MDIX and Auto-sensing on all ports
• Four Tri-mode Combo ports -100FX /1000FX SFP or RJ45 10/100/1000T
• Port Mirroring - Many-to-One, MAC mirror and VLAN mirror
• Enhanced Management features include WEB Management, Standard CLI,   interface, SNMP,
  RMON, Telnet, Access control list, Standard CLI interface, SNMP, Syslog, SMTP (Logging to
  eMail) and IPv6 Management
• Full Layer 2 features including:
- Four hardware queues per port to enable comprehensive L2/4 QOS: Rate Limiting TCP/UDP,
  Priority Queue Scheduling, Priority Queue Scheduling,
- Port-base VLAN, Protocol-based Vlan (802.1v), Generic VLAN Registration Protocol (GVRP),
  Q-in-Q, MAC-VLAN and subnet-VLAN
- Internet Group Management Protocol (IGMP) Snooping
- Spanning Tree IEEE 802.1d, Rapid Spanning Tree Protocol 802.1w, 802.1s Multiple Spanning
  Tree Protocol.
• Link aggregation 802.3ad, Traffic Load Balancing, GVRP and 802.1x for port security.
• Enhanced Security - Port Security, IEEE 802.1x port-based or MAC based access, powerful
  ACL, Security Shell and Secure Sockets Layer encrypt network management information via
  Telnet and web.