

L2+ Full Function Switch

High Speed L2+ Switch

NetSoC software provides unique pre-modulated software architecture for network Systems. Building upon complex works, NetSoC Intelligent Layer2+ Software Solution is designed to quicken the development cycles and rush the products to industry market. It provides chipset vendors a market-entering ready software



Next-Generation Switching Architecture with Reasonable Price

Realtron Technology Inc. offers a perfect networking and switching solution, which is well combined with features, performance, functionality and price for small and medium enterprise market (SME).

Along with standard features, Realtron's special design also offers robust features such as Layer 2/3/4 classification and rate limiting, Layer 2 switching services, 802.3ad (Link Aggregation), 802.1w (Rapid Re-convergence), and power redundancy.

These high value added features will be needed for the deployment of VoIP, real-time video and data-intensive applications such as SAP.

Features

32Gbps backplane: Non-blocking architecture with full wire-speed for low latency throughput
Double 10/100/1000 ports or mini-GBIC slots : Allow two 10/100/1000 ports or mini-GBIC slots for open optional fiber connections (Gigabit-SX, -LX, or LH)

Layer 3 static routes: VLAN-to-VLAN communications allows max 16 external routes with one default route in IP networks incorporated

Spanning Tree Protocol (802.1w): Boost network uptime with faster failed links recovery .

Trunking & 802.3ad Link Aggregation Control Protocol : Allow max 7 trunks, each with max 4 links (100Mbps ports) or 2Gigabit ports per trunk

802.1X and RADIUS network login: Restrain port-based access for authentication and accountability

Security: Use MAC address lockdown to keep unauthorized access away.

VLAN: Allow max 256 port-based VLANs, GVRP, and 802.1Q VLAN tagging.

802.1p traffic prioritization: 8 priority levels for real-time traffic classification mapping to 4 queues (port/tag/rate/bandwidth) allows 100Kbps, 100Mbps or 1000Mbps configurable port based rate bandwidth.

RMON & switch monitoring : Allow monitoring & reporting capabilities(statistics, history, alarms, and events)

Stacking: Innovated hyper stack technology enables extensible stacking solution for campus or building management. Support centralized remote management function. Allow one IP address management for one virtual stack total at max 1 6 switches.

Auto-MDIX: Automatically switches between straight-through & crossover cables.

Group VLAN Registration Protocol: Support automatic learning & dynamic assignment .

Function Richened Management Features: Control system via SNMP ,remote console, local console or web management. Use Cisco-like CLI command. Users could copy Cisco switch configuration and paste to Realtrons switch if use directly.

Network Lock: Innovated technology Network Lock is specially applied to prevent hackers attacking from Intranet.

