



DTL S5100 Series All Gigabit Security Switch

S5100 series is a network connection for department-level design of L2 full-Gigabit switch that provides 24*10/100/1000Base-T or 1000Base-X SFP for flexible Gigabit fiber backbone connectivity. It provides cost-effective Gigabit connection from desktop to Gigabit and Gigabit to the server, which can meet the port link aggregation, VLAN, priority scheduler.

- **Full wire-speed, multi-layer switching**

S5100 series switches offer 48Gbps switching capacity which entirely fulfills the enterprise customers' requirement of designing and implementing unified, highly resilient networks.

- **Multiple all gigabit port combinations**

Model	Ports
S5100-24TC	22*10/100/1000Base-T 2*ComboGE (10/100/1000Base-T or 1000Base-X SFP)

- **Comprehensive security features**

This economic model can provide the basis of network security and QoS features, including 802.1Q VLAN, GVRP, 802.1p priority queues, 802.1x authentication and broadcast storm suppression, which can help enterprises easily deploy VoIP protocol Internet telephone and multimedia streaming office applications.

- **Link Aggregation and redundancy**

DTL S5100 series switches support 802.3ad link aggregation standard, allowing multiple gigabit ports together to form a higher aggregate bandwidth to connect to server or network backbone. Redundant functions in the switch can support 802.1 bridging the backup path spanning tree.

- **Network Management**

DTL S5100 series switches with a powerful network management protocol (SNMP / RMON / Telnet / CLI / WEB) and port mirroring function can meet the business and IT needs.



S5100-24TC



- 22*10/100/1000Base-T
- 2*1000Base-X SFP (Combo)
- 802.1Q and GVRP VLAN
- 802.3ad Static and LACP
- IGMP Snooping
- Broadcast suppression
- STP/RSTP/MSTP
- SNMP v1/v2/v3 and 4*RMON



Product Specifications:

Item	S5100-24TC
Port	22*10/100/1000Base-T+2*ComboGE (10/100/1000Base-T or 1000Base-X SFP)
Interface switching capacity	48Gbps
MAC address	8K*MAC address (MAC Black Hole) (Port MAC Limit)
L2 features	IGMP Snooping STP/RSTP/MSTP Remote-loop-detect 802.3ad Static and LACP Port- mirroring Jumbo Frame
VLAN	4K VLAN entries Port-based QinQ PVLAN realizes port isolation and saving public-vlan resources GVRP
Multicast	IGMPv1/v2/v3 Snooping IGMP Filter MVR and cross-VLAN replication IGMP Fast leave IGMP Proxy
QoS	Rate-limiting on packet sending/receiving speed of port or self-defined flow and provide general flow monitor and flow monitor of self-defined traffic Priority remark to port or self-defined flow and provide 802.1P, DSCP priority and Remark Packet mirroring and redirection of interface and self-defined flow Port-based queue scheduler and user-defined traffic. Each port/ flow supports 4 priority queues and scheduler of SP (Strict Priority) and WRR (Weighted Round Robin).
Security	Radius SSHv2 Secure Shell Port-based 802.1x accessing control Broadcast storm suppression



Management	CLI, Console port, Telnet and WEB management SNMPv1/v2/v3 RMON (Remote Monitoring)1,2,3,9 MIB NTP Syslog and RFC 3164 BSD syslog Protocol
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