

S5350 Series 10G Uplink Smart Switch

S5350 is designed for carrier-class GE access and 10G uplink networks. It covers all kinds of enterprise/ operators customer, having the capacity to meet the demand of cost-effective Gigabit access / aggregation. S5350 adopts high performance processor to provide full speed forwarding and line-dormant capacity to coordinate with NGBN. It supplies abundant and flexible service features, ensuring operability, manageability, and expansibility.

S5350-28TX



- □ 24 * 10/100/1000BaseT
- □ 4*10GE SFP+
- □ 16K MAC address,
- \Box full load < 40W
- □ AC: 110 ~ 240V, 47 ~ 67Hz
- □ 440mm *220mm *44mm

S5350-28SX



- □ 20 * 100/1000Base-X
- □ 4*GE Combo
- □ 4*10GE SFP+
- □ 16K MAC address
- □ full load < 60W
- □ AC: 110 ~ 240V, 47 ~ 67Hz
- □ 440mm *280mm *44mm

Product Specification:

| Item | S5350-28TX | S5350-28SX |
|---------------------|---|--|
| Switching Capacity | 128Gbps | 128Gbps |
| Forwarding Capacity | 95Mpps | 95Mpps |
| Memory and Storage | 512MB SDRAM and 16MB flash memory | |
| Power Supply | AC: input 90 ~ 264V, 47 ~ 67Hz; | |
| Power Consumption | Full-load consumption ≤40W Idle-power consumption≤13W | Full-load consumption ≤60W Idle-power consumption≤20W |

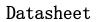




| Dimensions (Width x Depth x Height) | 440mm*220mm*44mm | 440mm*280mm*44mm |
|-------------------------------------|--|------------------|
| Weight (Full-Loaded) | ≤3kg | ≤3kg |
| Environmental Requirements | Working temperature: -10°C ~ 50°C | |
| | Storage temperature: -40°C ~ 70°C | |
| | Relative humidity: 10% ~ 90%, non-condensing | |

Product Features:

| lt | em | S5350-28TX/28SX |
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| L2 Features | MAC | 16K MAC Aging time and add/remove static MAC Port MAC Limit Disable MAC address learning on port or channel-group MAC address filtering Port MAC limit |
| | VLAN | 4K VLAN 802.1Q Port-based and MAC-based VLAN Q-IN-Q |
| | Spanning Tree | STP/RSTP/MSTP Remote loop detecting |
| | Port | Bi-directional bandwidth control Static link aggregation and LACP(Link Aggregation Control Protocol) Port mirroring |
| Security Features | lpv4 | DHCP Relay DHCP Server Static ARP L3 forwarding specification to be 1024 Static route 512 LPM (default router) |
| IP routing | User's Security | Anti-ARP-spoofing Anti-ARP-flooding IP Source Guard create IP+VLAN+MAC+Port binding Port Isolation MAC address binding to the port and MAC address filtering IEEE 802.1x and AAA/Radius authentication |
| | Device Security | Anti-DOS attack(such as ARP, Synflood, Smurf, ICMP attack), ARP detection, worm and Msblaster worm attack SSHv2 Secure Shell SNMP v3 encrypted management Security IP login through Telnet Hierarchical management and password protection of users |





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| | Network Maintenance | Dynamic ARP table-based binding IP+VLAN+MAC+Port binding L2 to L7 ACL flow filtration mechanism on the 80 bytes of the head of user-defined packet Port-based broadcast/multicast suppression and auto-shutdown risk port DHCP Option82 and PPPoE+ upload user's physical location |
| Service Features | ACL | Standard 1 K and extended ACL Time Range ACL Flow classification and flow definition based on source/destination MAC address, VLAN, 802.1p, ToS, DiffServ, source/destination IP(IPv4/IPv6) address, TCP/UDP port number, protocol type, etc packet filtration of L2 ~ L7 deep to 80 bytes of IP packet head ACL flexible control in the phases of vlan-lookup, ingress, egress |
| | QoS | Rate-limit to packet sending/receiving speed of port or self-defined flow Packet mirror and redirection of interface and self-defined flow Priority remark to port or self-defined flow and provide 802.1P, DSCP priority and Remark Super queue scheduler based on port or self-defined flow. Each port flow supports 8 priority queues and scheduler of SP, WRR, SP+WRR, etc. |
| | Multicast | IGMPv1/v2/v3 Snooping IGMP Filter MVR and cross VLAN multicast copy IGMP Fast leave IGMP Proxy L3 multicast to be 256 |
| | Loop Protection | EAPS\ERPS\PVST and GERP (recover-time <50ms) Loopback-detection |
| Reliability | Link Protection | FlexLink (recover-time <50ms) RSTP/MSTP (recover-time <1s) LACP (recover-time <10ms) |
| | Device Protection | Double fault-tolerant backup of host program and configuration files |
| Maintenance | Network Maintenance | Port real-time, utilization and transmit/receive statistic based on Telnet LLDP 802.3ah Ethernet OAM RFC 3164 BSD syslog Protocol Ping and Traceroute |



Datasheet

| Device Management | CLI, Console port, Telnet and WEB Stack OAM (802.3ah and 802.1ag) VCT User hierarchical permission RADIUS SNMPv1/v2/v3 |
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Purchase Information:

| Product name | Product description |
|--------------|---|
| S5350-28TX | 24*10/100/1000Base-T, 4*10GE SFP+ (100~240V AC/DC48) |
| S5350-28SX | 20*100/1000Base-X, 4*GE Combo, 4*10GE SFP+ (100~240V AC/DC48) |