



# Energy-Saving Switch



## Product Overview of S2610 Series Fast Ethernet Energy-Saving Switch

S2610 Series Switch adopts IEEE 802.3az standard with the low-cost application of Ethernet Base-T Receiver (100Mb, 1GbE and 10GbE) and low-Power idle application by backplane physical layer. When the device is being in the period of low utilization or idle, disconnect the Power connection, recover Power connection and detect the length of table during the data transmission to reduce the Power consumption.

This series switch takes new technology of RTCT, UDLD, Attack Prevention and limit MAC address. It obeys the rules of Restriction of Hazardous Substances and Waste Electrical and Electronic Equipment, also plays a positive role in promoting the energy-saving products.

## Product Highlight

|                                                                                                            |                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>S2610-18TC</b>   | 16 x 10/100Base-T RJ-45<br>2 x Combo GE (100/1000Base-X SFP or 100/1000Base-T)<br>16K MAC Address • 512 ACL<br>4K VLAN • Selective Q-in-Q • STP/RSTP/MSTP<br>AC220V and DC • Stackable                                                                         |
| <br><b>S2610-26TC</b>   | 24 x 10/100Base-T RJ-45<br>2 x Combo GE (100/1000Base-X SFP or 100/1000Base-T)<br>16K MAC Address • 512 ACL<br>4K VLAN • Selective Q-in-Q • STP/RSTP/MSTP<br>AC220V and DC • Stackable                                                                         |
| <br><b>S2610-18PC</b>   | 16 x 10/100Base-T RJ-45 w/PoE<br>2 x Combo GE (100/1000Base-X SFP or 100/1000Base-T)<br>16K MAC address • 512 ACL<br>4K VLAN • Selective Q-in-Q • STP/RSTP/MSTP<br>Support IEEE 802.3af & 802.3at of POE • Stackable                                           |
| <br><b>S2610-26PC</b>   | 24 x 10/100Base-T RJ-45 w/POE<br>2 x Combo GE(100/1000Base-X SFP or 100/1000Base-T)<br>16K MAC Address • 512 ACL • 4K VLAN<br>Selective Q-in-Q • STP/RSTP/MSTP<br>Support IEEE 802.3af & 802.3at of POE • Stackable                                            |
| <br><b>S2610-18TC-P</b> | 16 x 10/100Base-T RJ-45<br>2 x Combo GE (100/1000Base-X SFP or 100/1000Base-T)<br>16K MAC Address • 512 ACL • 4K VLAN • Selective Q-in-Q<br>Port 2-16 Support user side to provide Power<br>Port 1 Provides upward -48V DC Power<br>Stackable • Rack-Mountable |
| <br><b>S2610-26TC-P</b> | 24 x 10/100Base-T RJ-45<br>2 x Combo GE (100/1000Base-X SFP or 100/1000Base-T)<br>16K MAC Address • 512 ACL • 4K VLAN • Selective Q-in-Q<br>Port 2-24 Support user side to provide Power<br>Port 1 Provides upward -48V DC Power<br>Stackable • Rack-Mountable |



## Energy-Saving Switch

**Product Specifications**

| Model                      | S2610-18TC                                                                                                                                                                                                                                                                                                                                                                                          | S2610-18PC | S2610-26TC | S2610-26PC | S2610-18TC-P            | S2610-26TC-P |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|-------------------------|--------------|
| Backplane Capacity         | 8.8Gbps                                                                                                                                                                                                                                                                                                                                                                                             |            |            |            |                         |              |
| Forwarding Rate            | 6.55Mpps                                                                                                                                                                                                                                                                                                                                                                                            |            |            |            |                         |              |
| 10/100M RJ-45 Port         | 16                                                                                                                                                                                                                                                                                                                                                                                                  | 16 w/POE   | 24         | 24 w/POE   | 16                      | 24           |
| Gigabit Combo Port         | 2 (RJ-45 / SFP)                                                                                                                                                                                                                                                                                                                                                                                     |            |            |            |                         |              |
| MAC                        | 16K MAC Address ● MAC Black Hole ● Port MAC Limit                                                                                                                                                                                                                                                                                                                                                   |            |            |            |                         |              |
| L2 Features                | IGMP Snooping ● STP ● RSTP ● MSTP ● Remote-Loop-Detect ● 802.3ad Linkage Convergence<br>Port Mirroring ● Vast Frame                                                                                                                                                                                                                                                                                 |            |            |            |                         |              |
| VLAN                       | 4K VLAN entries ● Selective Q-in-Q ● Port-based VLAN ● Port and Protocol-based VLAN ● ACL-based VLAN                                                                                                                                                                                                                                                                                                |            |            |            |                         |              |
| Multicast                  | 512 L2 Multicast Groups ● IGMP Snooping v1/v2/v3 ● IGMP Filter ● IGMP Fast Leave                                                                                                                                                                                                                                                                                                                    |            |            |            |                         |              |
| QoS                        | Packet Limit Speed Rate of Port or Self-defined Flow Receiving and Sending<br>Packet Mirroring and Packet Re-direction of Port or self-defined flow<br>Priority remark of Port or self-defined flow, Provide 802.1P, Remark of DSCP priority<br>Advanced queue scheduling of Port or self-defined flow, each Port/flow supports 8 priority queues,<br>Provide the algorithms of SP, WRR, and SP+WRR |            |            |            |                         |              |
| Security                   | Radius Authentication ● SSHv2 Secure Shell<br>Access control based on port and MAC ● Suppression on Broadcast Storm                                                                                                                                                                                                                                                                                 |            |            |            |                         |              |
| Management                 | CLI, Console Port, Telnet and WEB Management ● SNMP v1/v2/v3<br>RMON (Remote Monitoring)1,2,3,9 MIB ● GN.Link Server ● NGBN View Network Management                                                                                                                                                                                                                                                 |            |            |            |                         |              |
| Dimensions                 | W335mm x D220mm x H44mm                                                                                                                                                                                                                                                                                                                                                                             |            |            |            | W440mm x D280mm x H44mm |              |
| Stackable                  | Yes                                                                                                                                                                                                                                                                                                                                                                                                 |            |            |            |                         |              |
| Power Supply               | AC Input : 176 ~ 265V, 47 ~ 63Hz ● DC Input : -36V ~ -72V                                                                                                                                                                                                                                                                                                                                           |            |            |            |                         |              |
| Environmental Requirements | Operating Temperature : -20℃ ~ 60℃      Storage Temperature : -20℃ ~ 85℃<br>Relative Humidity : 5% ~ 95%, Non-Condensing                                                                                                                                                                                                                                                                            |            |            |            |                         |              |

**Order Information**

| Model Number  | Product Description                                                                                                                         |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| S2610-18TC-AC | GCom 16 x 10/100Base-T, 2 x Gigabit Combo Port, AC-220V                                                                                     |
| S2610-18TC-DC | GCom 16 x 10/100Base-T, 2 x Gigabit Combo Port, DC-48V                                                                                      |
| S2610-26TC-AC | GCom 24 x 10/100Base-T, 2 x Gigabit Combo Port, AC 220V                                                                                     |
| S2610-26TC-DC | GCom 24 x 10/100Base-T, 2 x Gigabit Combo Port, DC -48V                                                                                     |
| S2610-18PC-AC | GCom 16 x 10/100Base-T POE, 2 x Gigabit Combo Port, AC 220V                                                                                 |
| S2610-26PC-AC | GCom 24 x 10/100Base-T POE, 2 x Gigabit Combo Port, AC 220V                                                                                 |
| S2610-18TC-P  | GCom Client-Powered Version, 16 x 10/100Base-T, 2 x Gigabit Combo Port                                                                      |
| S2610-26TC-P  | GCom Client-Powered Version, 24 x 10/100Base-T, 2 x Gigabit Combo Port                                                                      |
| POE1-CPE      | GCom Special Power Supply Module for Client end Reverse Deeding Switch,<br>Internal 220V Transfer -48V, 2 x Ethernet Ports, 1 x Fixed Cable |

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