






Why choose TP-LINK TL-SG2424

| Brand | | TP-LINK | Netgear | HP | Cisco | D-LINK | |
|----------------------------|----------------------|---|---|---|---|---|------------|
| Model | | TL-SG2424 | GS724T-300 | ProCurve 1810G-24 | SG200-26 | DGS-1210-24 | |
| Image | |  |  |  |  |  | |
| Interface | 10/100/1000Mbps RJ45 | 24 | 24 | 24 | 24 | 24 | |
| | SFP | 4(Combo) | 2(Combo) | 2(Combo) | 2(Combo) | 4(Combo) | |
| | Console | x | x | x | x | x | |
| Fanless | | √ | √ | √ | x | √ | |
| Power Saving | | x | √ | √ | IEEE 802.3az | √ | |
| Port Configuration | Basic | Auto Negotiation | √ | √ | √ | √ | √ |
| | | Auto MDI/MDIX | √ | √ | √ | √ | √ |
| | | Full/Half Duplex | √ | √ | √ | √ | √ |
| | | Flow Control | √ | √ | √ | √ | √ |
| | | Jumbo Frame | 10K | 9K | 9K | 10K | 10K |
| | Advanced | Port Mirror | √ | √ | √ | √ | √ |
| | | Rate limit/Line rate | √ | √ | x | √ | √ |
| | | Port Security | √ | √ | x | √ | √ |
| Port Isolation | √ | x | x | x | x | | |
| System | Basic | Firmware Update | √ | √ | √ | √ | √ |
| | | Config backup&restore | √ | √ | √ | √ | √ |
| | | Reboot | √ | √ | √ | √ | √ |
| | | SNTP | x | √ | √ | √ | √ |
| | | DST | √ | x | √ | √ | √ |
| | | System Log | √ | √ | √ | √ | √ |
| | Monitor | CPU Monitor | √ | x | x | √ | x |
| | | Traffic Monitor | √ | x | x | √ | √ |
| | Maintenance | Dual Image | x | √ | √ | x | x |
| | | Cable test | √ | x | x | √ | √ |
| | | Loopback detection | √ | x | √ | x | √ |
| | | Ping test | √ | √ | √ | √ | x |
| | | Tracert test | √ | √ | x | x | x |
| | Management | WEB/CLI/Telnet | WEB/Telnet | WEB | WEB | WEB/Telnet | WEB/Telnet |
| | | SNMP v1/v2c/v3 | √ | √ | x | x | √ |
| | | RMON | √ | x | x | √ | x |
| | FDB Setting | MAC address Table | √ | √ | √ | √ | √ |
| Static/Dynamic MAC address | | √ | √ | x | √ | √ | |
| MAC address Filtering | | √ | √ | x | x | x | |

| | | | | | | | |
|------------------|-----------------------|-------------------------|------------------------|--------|---|--------|---|
| L2 Feature | VLAN Setting | 802.1Q tag VLAN | √ | √ | √ | √ | √ |
| | | Protocol VLAN | x | x | x | x | x |
| | | Auto-VoIP | x | √ | x | x | x |
| | | MAC VLAN | x | x | x | x | x |
| | | Private VLAN | x | x | x | x | x |
| | | *Voice VLAN | √ | √ | x | √ | √ |
| | | QinQ(VLAN VPN) | x | x | x | √ | x |
| | | GARP/GVRP | x | x | x | x | x |
| | QoS | queues of priority | √ | √ | √ | √ | √ |
| | | port priority | √ | √ | x | √ | √ |
| | | 802.1P priority | √ | √ | √ | √ | √ |
| | | DSCP | √ | √ | x | √ | √ |
| | | Scheddule Mode | SP/WRR/SP+WRR/Equ-Mode | √ | √ | SP/WRR | √ |
| | ACL | *MAC ACL | √ | √ | x | x | √ |
| | | *IP ACL | √ | √ | x | x | √ |
| | STP Setting | STP | √ | √ | x | √ | √ |
| | | RSTP | √ | √ | x | √ | √ |
| | | MSTP | √ | √ | x | x | √ |
| | | BPDU Filtering/Guard | √ | x | x | √ | x |
| | | Loop Protect | √ | x | √ | √ | x |
| | Link Aggregation | Static link aggregation | √ | √ | √ | √ | √ |
| | | *LACP | √ | √ | √ | √ | √ |
| | Multicast Control | Multicast group | √ | √ | x | √ | √ |
| | | IGMP Snooping | √ | √ | x | √ | √ |
| | | Fast leave | √ | √ | x | x | x |
| | | Multicast VLAN | √ | √ | x | x | x |
| | | Multicast Filtering | √ | x | x | x | √ |
| | Strom control | √ | √ | √ | √ | √ | |
| | LLDP(LLDP-MED) | x | √ | LLDP | √ | x | |
| Network Security | *802.1X | √ | √ | x | √ | √ | |
| | *RADIUS | √ | √ | x | √ | x | |
| | *Guest VLAN | √ | √ | x | √ | x | |
| | Web GUI | *SSH | √ | x | x | x | x |
| | | *SSL | √ | √(TLS) | √ | √ | √ |
| | | DCHP Filtering | x | √ | x | x | x |
| | *DHCP Snooping | √ | x | x | x | x | |
| | *DOS defence | √ | √ | √ | √ | x | |

*Feature will be available in next version.(2013 Q1)