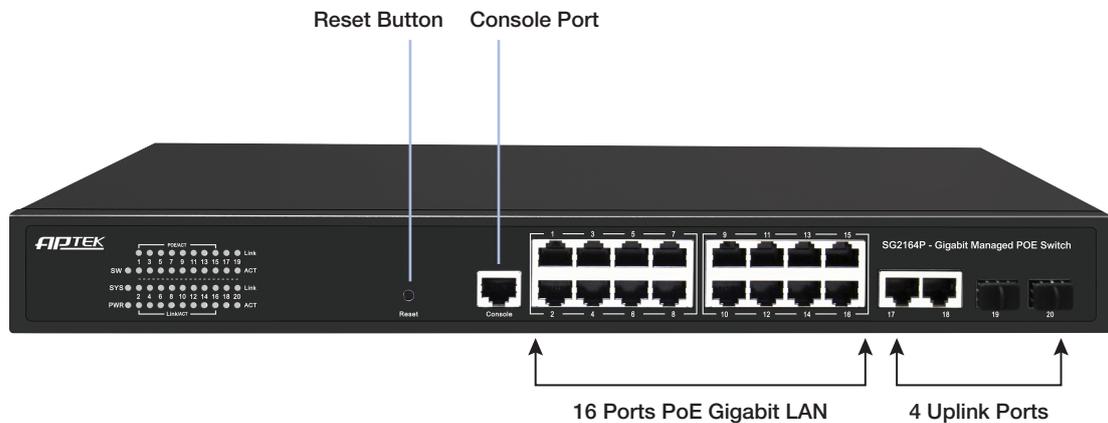


APTEK SG2164P



APTEK SG2164P is Layer 2 Gigabit PoE switch which provides cost-effective advantage for SMB business network. APTEK SG2164P has 16 ports Gigabit Ethernet PoE/PoE+ ports with a power budget of 250W. It also equipped with 4 ports uplink: 2 ports Gigabit Ethernet and 2 ports Gigabit SFP.

16 ports PoE/PoE+ Ethernet are perfect for a network with wireless AP, IP phones and IP surveillance. APTEK SG2164P provides the auto Voice VLAN and Qos feature to improve the VoIP call quality. All ports of SG2164P are Gigabit ports. Link Aggregation is used to increase the throughput even more and build a more reliable network.



IP Version

- IPv4
- IPv6

Hardware Interface

- 16 x Gigabit Ethernet support PoE/PoE+
- 2 x Gigabit Ethernet ports (RJ45)
- 2 x Gigabit SFP ports

VLAN

- IEEE 802.1Q VLAN: Port-based / Tag-based
- General VLAN Registration Protocol
- Support Following Types of VLAN
 - Voice VLAN
 - Protocol VLAN
 - MAC-based VLAN
 - Management VLAN

PoE

- PoE Mode: Switch allocates sufficient power the PoE PD asked for, and dynamic distribute power to all devices
- Status: cusomed power (mW, mA)
- Scheduling: support scheduling rule

Security

- Storm Control:
 - Broadcast, Unknow Multicast, Unknow Unicast
- DoS Defend
- Protect Port
- Access Control List: MAC/ IPv4 / IPv6
- Port Security
- ARP Inspection
- DHCP Snooping with Option 82

Link Aggregation

- Static Manual Aggregation
- LACP Dynamic Aggregation
- QoS
- Class of Service
 - 802.1p CoS
 - DSCP
 - Source IP, Destination IP, Port Number
- Queue Setting
 - WRR
 - Strict Priority
- Rate Limit

AAA

- 802.1x port authentication
- External AAA server using Radius, Tacacs

Managment

- Command Line Interface via Telnet/ SSH / Console
- HTTP Web User Interface
- SNMP v1/v2c/v3

Diagnostics

- CPU/ RAM/ Port Utilization
- Syslog
- Port Monitoring
- Ping
- Port-based Cable test

Enviroment / Physical

- Power:
 - Voltage: 100 ~ 240VAC
 - PoE Power Budget: 250W
- Temperature
 - Operating: 0 ~ 55 °C
 - Storage: 0 ~ 70 °C
- Operating Humidity: 10% ~ 90% (Non-condensing)
- Dimension (L x W x H): 410mm x 185mm x 44.5mm

