# SPECIFICATION

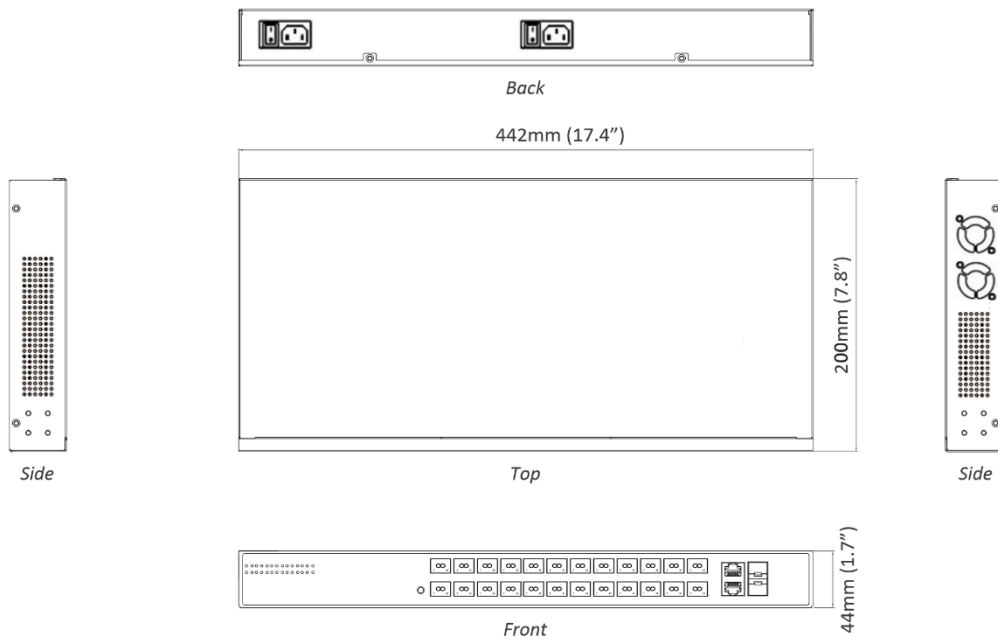## Hardware Specification

| | |
|---|---|
| IEEE Standards | IEEE802.3 10Base-T Ethernet<br>IEEE802.3u 100Base-TX<br>IEEE802.3ab 1000Base-T<br>IEEE802.3z Gigabit fiber<br>IEEE802.3x Flow Control and Back Pressure<br>IEEE802.3ad Port trunk with LACP<br>IEEE802.3af Power over Ethernet<br>IEEE802.1d Spanning Tree<br>IEEE802.1w Rapid Spanning Tree<br>IEEE802.1p Class of Service<br>IEEE802.1Q VLAN Tag<br>IEEE802.1ab LLDP |
| Switch Architecture | Back-plane (Switching Fabric): 8.8 Gbps |
| Transfer Rate | 14,881pps for Ethernet port<br>148,810pps for Fast Ethernet port<br>1,488,100pps for Gigabit Fiber Ethernet port |
| Packet Buffer | 4Mbits |
| MAC Address | 16K MAC address table |
| Flash ROM | 4Mbytes |
| DRAM | 32Mbytes |
| Connectors | 100 POF: 24 x ports with POF function<br>10/100/1000T/SFP Combo port: 2 x RJ-45 + 2 x 100/1000 SFP socket with DDM |
| Protocol | CSMA/CD |
| LED | **Per unit:**Power 1 (Green), Power 2 (Green),<br>**24 port 100:** Link/Activity (Green),<br>**SFP port:** LNK/ACT(Green),<br>**1000T :** LNK/ACT(Green), 1000M(Green) |
| Power Supply | Input 110V~240VAC;with Dual power input |
| Overload current protection | Present |
| Operating Humidity | 5% ~ 95% (Non-condensing) |
| Operating Temperature | Standard: -20°C~60°C / -4°F~140°F |
| Storage Temperature | -40°C~85°C / -40°F~185°F |
| Case Dimension | IP-30, 440 (W) x 200 (D) x 44 (H) mm |
| Weight | 2050 g |
| Fan Number | 0 |
| Installation | Rack mount install |
| EMI & EMS | FCC Class A, CE EN61000-4-2,<br>CE EN61000-4-3, CE EN61000-4-4,<br>CE EN61000-4-5, CE EN61000-4-6,<br>CE EN61000-4-8, CE EN61000-4-11,<br>CE EN61000-6-2, CE EN61000-6-4 |
| Power Consumption | 30 W for Ethernet data at full load |
| Warranty | 2 years |

## Software Specification

| | |
|---|---|
| Management | SNMP v1 v2c, v3/ Web/Telnet/CLI |
| SNMP MIB | RFC 1215 Traps MIB, RFC 1213 MIBII,<br>RFC 1157 SNMP MIB, RFC 1493 Bridge MIB, |

| | |
|---|---|
| VLAN | Port Based VLAN<br>IEEE 802.1Q Tag VLAN (256 entries)/ VLAN ID (Up to 4K, VLAN ID can be assigned from 1 to 4096.)<br>GVRP (256 Groups) |
| Port Trunk with LACP | LACP Port Trunk: 4 Trunk groups/Maximum 4 trunk members |
| LLDP | Supports LLDP to allow switch to advise its identification and capability on the LAN |
| Spanning Tree | Supports IEEE802.1d Spanning Tree and IEEE802.1w Rapid Spanning Tree; IEEE802.1s Multiple Spanning Tree |
| Quality of Service | The quality of service determined by port, Tag and IPv4 Type of service, IPv4 Different Service |
| Class of Service | Supports IEEE802.1p class of service, per port provides 4 priority queues |
| Port Security | Supports entries of MAC address for static MAC and MAC filter |
| Port Mirror | Supports 3 mirroring types: "RX, TX and Both packet" |
| IGMP | Supports IGMP snooping v1,v2,V3<br>256 multicast groups |
| IP Security | Supports IP addresses that have permission to access the switch management and to prevent unauthorized intruder. |
| Security | Supports HTTPs |
| Flow Control | Supports Flow Control for Full-duplex and Back Pressure for Half-duplex |
| System Log | Supports System log record and remote system log server |
| ACL | Support 128 ACL entries |
| Bandwidth Control | Support ingress packet filter and egress packet limit The egress rate control supports all of packet type |
| DHCP | Provides DHCP Client |
| Firmware Update | Supports on line firmware update |

*Future Release
**Optional

# DIMENSIONS

*Back*

442mm (17.4")

200mm (7.8")

*Side*

*Top*

*Side*

44mm (1.7")

*Front*