

E5020-24T



E5020-24T는 상향 4포트 1G UTP/SFP 콤보타입, 하향 24포트 1G UTP 타입의 인터페이스를 지원하는 L3 스위치입니다.

제품 개요

유비쿼스의 E5020-24T 스위치는 1U 사이즈로 고성능 포트의 간단한 설치를 통해 네트워크 인프라 구축이 가능하며, 트래픽 정체없이 데이터 전송이 가능한 스위칭 용량과 Wire-speed 패킷 처리 속도를 지원합니다.

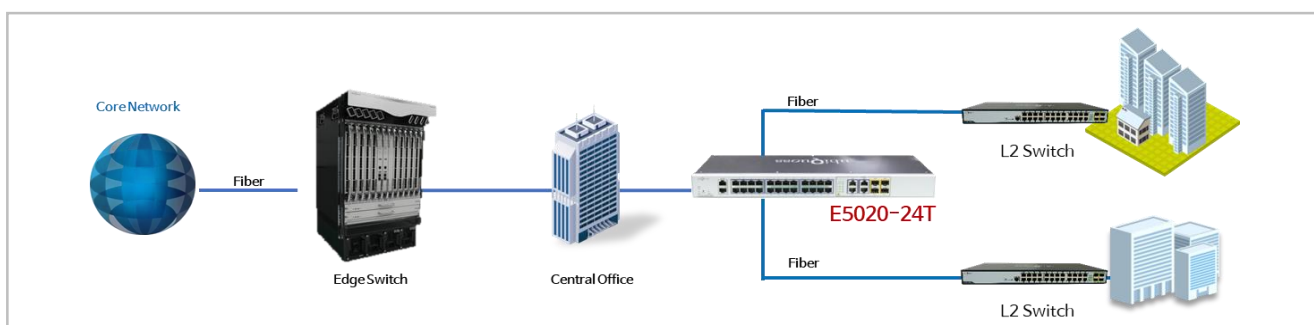
E5020-24T는 24개의 10/100/1000 Base-T 포트를 제공하며, 1G UTP/SFP 콤보 타입의 업링크 4 포트를 설계하여 운용상의 편의성을 더욱 높였습니다.

또한 L3 라우팅, 멀티캐스팅, 대폭 강화된 QoS 기능을 다수 탑재하여, 사용자에게 보다 차별화된 IP 서비스를 제공할 수 있으며 Campus, Branch Office 등의 환경에서 안정적이고 뛰어난 네트워크 환경을 구축할 수 있습니다.

주요 특징

- Uplink Interface : 4 ports x 1G UTP/SFP (Combo)
- Downlink Interface : 24 ports x 10/100/1000 Base-T
- Power Redundancy
- U-NIS(Ubiquoss EMS) 통합관리 시스템

제품 응용



Specifications

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| System Architecture | Uplink Interface : 4 ports 1G UTP/SFP Combo Downlink Interface : 24 ports x 10/100/1000 Base-T |
| System Throughput | 41.6 Mpps |
| Memory | 1GB (Main Memory), 1GB (Flash Memory) |
| Operating / Storage Temperature | 0 °C ~ 50°C / -25 °C ~ 70°C |
| Power Consumption | 23 W (AC Power) |
| Dimensions (mm) | 440 x 44 x 190 (W x H x D) |
| L2 | <ul style="list-style-type: none"> ▪ Max 4K VLAN/Active VLAN ▪ Max 16K Mac address ▪ STP, RSTP, MSTP, RPVST+ ▪ VLAN (Port based, Tagged, Voice, Hybrid) ▪ DHCP Relay / Relay with Option 82 / Snooping / Filtering ▪ LACP, SLD, LLDP, LLDP-MED, UDLD ▪ Jumbo Frame Max. 10K |
| L3 | <ul style="list-style-type: none"> ▪ IPv4/IPv6 Dual Stack ▪ Static Routing ▪ Loop-back Interface, Default Gateway, Backup Interface ▪ RIPv1/v2, RIPv6, OSPF v2/v3, BGP4, VRRP v1/v2/v3 ▪ PBR ▪ ECMP, BFD ▪ DHCP Server |
| Multicast | <ul style="list-style-type: none"> ▪ IGMP v1/v2, IGMP Snooping v1/v2/v3 ▪ IGMP Report-Suppression/Snoop Querier/ Filtering ▪ PIM-SM ▪ IPv4 Multicast Entry : 4K |
| OAM | <ul style="list-style-type: none"> ▪ IEEE 802.3az (EEE : Energy Efficient Ethernet) ▪ Mirroring (Port/ 1:N / N:1 / N:N / VLAN based / Port based) ▪ RMON, SNMP v1/v2/v3 ▪ IPv6 Management (ping/traceroute/telnet/SSH) ▪ U-NIS(UbiQuoss EMS) ▪ Syslog, Event/Error Log, Remote Logging ▪ Radius Accounting, TACACS+, NTP Server/Client ▪ PHY-DIAG ▪ CRC threshold per a Link ▪ Banner, CLI, Telnet, TFTP, FTP, OS Image Firmware ▪ Tcpdump, core-dump ▪ Netflow |

Specifications

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|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QoS | <ul style="list-style-type: none">▪ 8 Queues per port▪ Packet Classification & Marking : COS, DSCP, TOS▪ Ingress Traffic Policing per Flow/Packet▪ Egress Traffic Shaping per Port▪ SP, WRR, DWRR▪ Tail-Drop, WRED |
| Security | <ul style="list-style-type: none">▪ IEEE 802.1x▪ Port-security▪ BPDU Guard, IP source-guard▪ ACL, SSH▪ Mac count limit▪ IP packet / NetBIOS / NetBEUI / NBT filtering▪ Storm Control (Broadcast, Multicast, DLF)▪ Traffic Control (Unicast, Broadcast, Multicast)▪ DAI▪ ARP Inspection / Snooping▪ COPP |