

Layer 2 스위치 >> FE 스위치(PoE) >> P3824FGS

Fast Ethernet L2 워크그룹 PoE 스위치



소개

Premier 3824FGS switch 는 광대역 멀티미디어 서비스를 제공하는 Metro Ethernet work group L2 switch 입니다. Premier 3824FGS 는 Down Link 로 PoE(PSE, IEEE802.3af) 기능을 내장한 24 포트 10/100base-TX 를 제공하며 Up Link 로 2 포트 1000Base-X SFP 또는 1 port E-PON port 를 제공 합니다.

Premier 3824FGS 는 IPv6, Hardware 기반의 bandwidth management 및 차별화된 인터넷 서비스를 위한 QoS 기능을 제공 합니다.

특징

- Fixed 24 10/100Base-TX ports with PoE embedded(PSE, IEEE802.3af)
- 2 Option Slot Module : 100Base-FX, 1000Base-TX, 1000Base-X, 1 port GE-PON
- Power : AC/DC
- 12.8 Gbps Non-Blocking Switch Fabric
- Max 6.5 Mpps L2 Switching, 64MB Main Memory, 16MB Flash Memory
- Up to 16K MAC Address Support for Switching
- Up to 256 VLANs Support
- Filtering : DHCP, NetBios, NBT, Mac, Broadcast Storm, IP Packet Filtering, IP-Subnetwork range locking, Selective handling of specified IP address, Detection of IP address collision
- Secure Network : DoS prevention, Warm virus Filtering
- IEEE 802.1p, IEEE802.1Q, IEEE802.1D, IEEE802.3x
- Rate Limit: @ 1Mbps (100M & Gigabit port)
- Egress Traffic Shaping (Rate Limit) per Port
- Ingress Traffic policing per flow/packet
- VLAN, Multi VLAN, STP, RSTP, IGMP snooping & query
- Port Trunking, Link Aggregation(802.3ad), Port enable/disable, Stacking
- TFTP, CLI, Telnet, Syslog, SNMP I / II, RMON, Port Mirroring
- IPv6 지원

하드웨어 사양	
System Architecture & Console	Down Link : 24-port 100Base-TX /w PSE UP Link : 1000Base-X SFP or E-PON 1 port 24port PoE(PSE, IEEE802.3af) RS-232C Serial Port (RJ-45 type)
Memory	128MB Main Memory 16MB Flash Memory
Physical Dimension	19" Rack Mount Type 44mm(H) x 437mm(W) x 351.7mm(D)
환경 조건	
Power	AC, DC
Input power and frequency	110~220 VAC / 50~60 Hz, -44 ~ -52 VDC
Power consumption	Max 440 W (40W when PSE is not used)
Operating temperature	0℃ ~ +60℃
Storage temperature	-20℃ ~ +70℃
성능	
Switching Fabric	12.8 Gbps non-blocking
Throughput	6.5 Mpps wire-speed L2 Switching
IPv6	Enabled
용량	
MAC Address	Up to 16K MAC Management
VLAN	Up to 256 VLAN Private Edge VLAN, 8021.Q Tag Vlan (Max 256 Tag Vlan) Link Aggregation (802.3ad) : 13 group, Max 8 port/group
서비스와 특징	
Filtering, Security, QoS	IEEE 802.1p QoS, Diff-serv support Congestion Management Filtering : Mac address, Mac address Count limit, Netbios, NBT, DHCP, Broadcast Storm, Selective handling of specified IP address, IP Packet filtering, Detection of IP address collision, IP Sub-network range blocking Virus Filtering : DoS prevention, Warm virus Filtering Subscriber Traffic control by ACLs (Access Control Lists)
Bandwidth Management	Hardware-based Rate Limiting Rate Limiting : 1Mbps per Ethernet port Rate Limiting : 1Mbps per Gigabit port Egress Traffic Shaping per Port Ingress Traffic Policing per Flow/Packet Hardware Based Symmetric & Asymmetric Rate Limiting
Management	SNMP v1/v2, RMON, MIB-I/II Remote S/W Upgrade, Telnet, TFTP, FTP, Port Mirroring CLI, Syslog, Access level control for administrator, RADIUS
Functions	STP(802.1D), RSTP(802.1w) DHCP relay/DHCP snooping NTP (Network Time protocol) Client Jumbo Frame packet support : 9022byte Stacking & IP Clustering : Max 8 Stacking
Multicasting Protocol	IGMP v2.0, IGMP snooping, IGMP proxy-reporting
Standards	
IEEE Standards	802.1D Spanning Tree Protocol

	802.1w RSTP 802.1p Priority Control 802.1Q VLAN 802.3 10Base-T Ethernet 802.3u 100Base-X Fast Ethernet 802.3x Flow Control 802.3ad Link Aggregation 802.3af Power of Ethernet 802.3z 1000Base-X Gigabit Ethernet
IETF Standards	RFC 768 UDP RFC 791 IP RFC 903 TCP RFC 2131 DHCP Relay RFC 2236 IGMP v2 RFC 1112 IGMP
Management Standards & MIB	RFC 783 TFTP RFC 854 Telnet RFC 1157 SNMP v1 RFC 1213 MIB-I I RFC 1493 Bridge-MIB RFC 1757 RMON-MIB RFC 1902 SNMP v2 RFC 1907 SNMP-MIB RFC 1643 Ethernet-like Internet MIB

주문 정보

Model Name		Part Name	Full set
P3824FGS	Main Body	P3824FGS-AC	1
		P3824FGS-DC	
	Uplink Module(Common for P3824FGS)	1G-TX	2
		1G-SFP(P201XB)	
		SFP MM/SM LC Type(550m, 10/40km)	
		1G (1Giga uplink Module)	
		F201EPA	
		F201ETA	