

L2+ Managed Ethernet Switch



GSW-3424M1A

22 ports GbE RJ45 + 2 ports GbE combo (RJ45 or SFP)
+ 2 ports GbE SFP uplink
L2+ Managed Ethernet Switch

GSW-3424M1A是新一代配備22個 10/100/1000Base-T RJ45端口和2個GbE複合式端口, 以及2個GbE光纖端口, 針對中小企業強化其企業內部網路。交換器支援L2+的軟體功能, 涵蓋網路控制, 資安及管理。內含19吋的機架固定鐵件, 配合用於機架建置。

完整的L2+管理功能

交換器包含了完整的L2+管理功能, 包含了最多4K組 802.1Q VLAN組態, 以及進階的協定VLAN組態, 私有VLAN組態, MVR...等進階VLAN功能組。具備8個硬體QoS佇列, IPv4/v6多重組播過濾, 快速擴展樹避免迴路發生, 鏈結聚合控制協議(LACP), 鏈結層發現協議 (LLDP) ; sFlow, 端口鏡像, 線材診斷和進階的網路安全功能。它也提供透過console埠CLI進行本地端的帶外網管以及SNMP, Web圖形化介面等的帶內網管。

產品規格

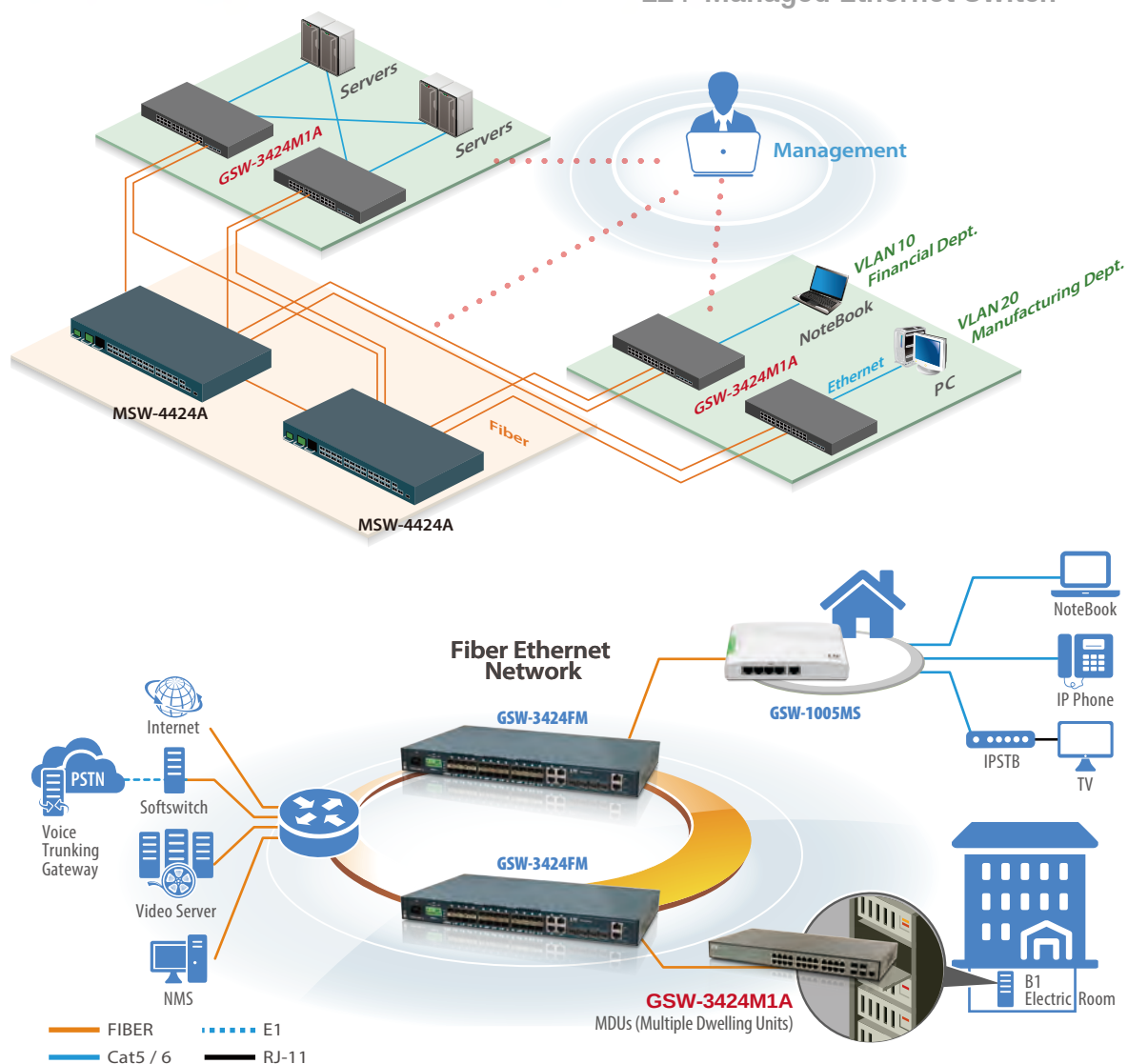
Interface	Fiber port: 1G SFP x 2 Combo port: (1G SFP or 10/100/1000Mbps RJ45) x 2 Copper port: 10/100/1000Mbps RJ45 x 22 Management port: GbE RJ45 x 1
Packet forwarding rate	14880pps @10Mbps 148800pps @100Mbps 1488000pps @1000Mbps
Switching Fabric Capacity	52Gbps
Transmission method	Store and Forward Switching
Packet buffer	4M bits
MAC table size	8K
Jumbo frame size	9600 Bytes
VLAN feature	IEEE 802.1Q tagged VLAN (4K VLAN groups) IEEE 802.1ad QinQ VLAN Voice VLAN; MAC based VLAN; Protocol based VLAN; IP subnet based VLAN Private VLAN for port isolation
Link aggregation	Static trunk (SA, DA, IP, TCP/UDP port) IEEE 802.3ad LACP, 13 LACP trunk groups Max, 8 port Max. per LACP trunk
L2 switching protection	IEEE 802.1D STP/IEEE 802.1w RSTP/IEEE 802.1s MSTP Loop Protection
QoS feature	Hard wired IEEE 802.1p 8 priority queues per port Traffic scheduling based on strict/WRR/Hybrid priority CoS based traffic classification on IEEE 802.1p, IP ToS precedence, IP DSCP IEEE 802.1p priority tag remarking; Diffserv Per Port/Queue based ingress/egress rate limit in steps of 1kbps IEEE 802.3x flow control Multicast/Broadcast/Unicast storm control with flooding control
Security	Static port security (MAC based) Per port limited MAC learning Port based/MAC base/single/multiple IEEE 802.1x access control 256 ACL rules based on L2~L4 information RADIUS/TACACS+ authentication HTTPs & SSH v2 IP/MAC binding IP source guard & ARP inspection
IP Multicasting	IGMP snooping v1/v2/v3, IGMP proxy reporting MLD snooping v1 IGMP fast leave IGMP query MVR (Multicast VLAN Registration)

Management	WebGUI/Telnet CLI interface SNMP v1/v2c/v3 RMON I (1,2,3,9 groups) & RFC1213 MIB II DHCP client/relay/snooping/relay option 82 HTTP based firmware and configuration upgrade Port mirroring Event syslog server NTP client IPv4/IPv6 management IEEE 802.1ab LLDP Cable Diagnostics
Power input	100V~240VAC power module
Power consumption	25W
Operating temperature	0~50 degree C
Storage temperature	-20~80 degree C
Humidity	5%~90% (non-condensing)
Dimension	440 x 220 x 44 mm (WxDxH)
Certification	CE, FCC class A

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Application

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Ordering Information

Model Name	Description
GSW-3424M1A	22x 10/100/1000Base-T RJ45 + 2x GbE Combo + 2x GbE SFP with built-in AC power supply