



## GSW-3424CM

24 × GbE/RJ45 + 4 × 1G SFP  
L2+ Managed Ethernet Switch

CTC Union Technologies unveils the L2+ managed Ethernet switch, GSW-3424CM, which is aimed at the enterprise intranet network and MDU (Multiple Dwelling Unit) of FTTH deployment. It is equipped with 24 Gigabit RJ45 ports and 4 1G SFP based fiber optics ports. It will deliver the benefits of optimal traffic transportation performance and lower ownership cost while maintaining the network deployment simply.

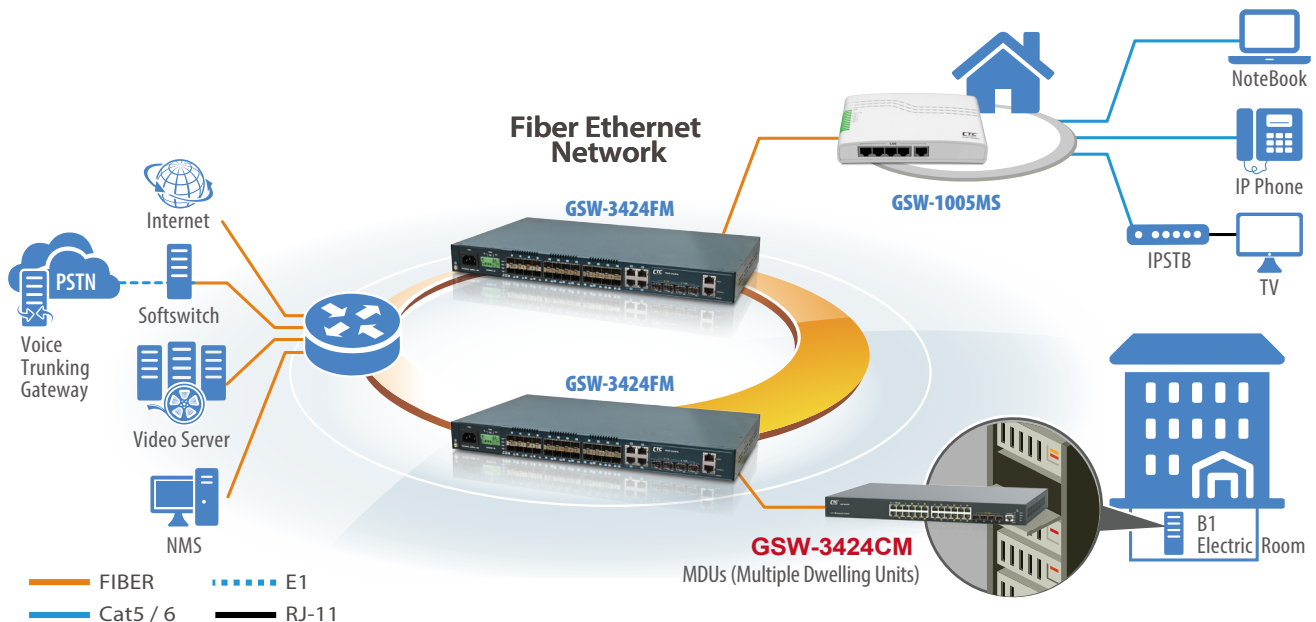
The GSW-3424CM Ethernet switch provides VLAN, QoS and IGMP L2 feature sets as well as robust security management to facilitate service provider and MIS team of enterprise build out of a manageable and secure Ethernet access network rapidly. The redundant power design can increase the high network availability due to the power supply outage unpredictably.

### // Specifications

<b>Interface</b>	Copper port: 10/100/1000Base-T RJ45 × 24 Uplink port: 1000Base-X SFP slot × 4 Console port: RS-232 in RJ45 × 1
<b>Switching Fabric Capacity</b>	56Gbps
<b>Packet Forwarding Rate</b>	14880pps @10Mbps 148800pps @100Mbps 1488000pps @1000Mbps
<b>Packet Forwarding Capacity</b>	102Mpps
<b>Transmission Method</b>	Store and Forward Switching
<b>Packet Buffer</b>	32M bits
<b>MAC Table Size</b>	32K
<b>Jumbo Frame Size</b>	10K Bytes
<b>VLAN Feature</b>	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; VLAN translation; GVRP (GARP VLAN registration protocol)
<b>Link Aggregation</b>	Static trunk (SA, DA, IP, TCP/UDP port); IEEE 802.3ad LACP, 14 LACP trunk groups Max; 8 port Max. per LACP trunk group
<b>L2 Switching Protection</b>	IEEE 802.1D STP/IEEE 802.1w RSTP/IEEE 802.1s MSTP; Loop Protection
<b>QoS Feature</b>	Hard wired IEEE 802.1p 8 priority queues per port; Traffic scheduling based on strict/WRR priority; CoS based traffic classification on switch port; VLAN ID; DSCP; TCP/UDP port; IEEE 802.1p priority tag remarking; DSCP remarking; Per Port/Queue based ingress/egress rate limit in steps of 100kbps; IEEE 802.3x flow control; Multicast/Broadcast/Unicast storm control with flooding control;
<b>Security</b>	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+ AAA; HTTPs & SSH v2; IP/MAC binding; IP source guard & ARP inspection;
<b>IP Multicasting</b>	IGMP snooping v1/v2/v3, IGMP proxy reporting; MLD snooping v1/v2; IGMP fast leave; IGMP query; IGMP filtering/throttling; MVR (Multicast VLAN Registration)
<b>Management</b>	WebGUI/Telnet CLI interface; SNMP v1/v2c/v3; RMON I (1,2,3,9 groups), RFC1213 MIB II, Private MIB; DHCP client/snooping/relay option 82; TFTP/HTTP based firmware and configuration upgrade; Port mirroring, RSPAN; Event syslog server; DNS client/proxy; NTPv4 client; UPnP; IPv4/IPv6 management; SFF-8472 DDMI; IEEE 802.1ab LLDP; Text based CLI configuration download and upload

Power Input	AC power input (100~240V) ; -36~-72VDC
Operating Temperature	0~50°C
Storage Temperature	-25~70°C
Humidity	5%~95% (non-condensing)
Dimension	440 x 250 x 43.5 mm (WxDxH)
Certification	CE, FCC class A

## // Application



## // Ordering Information

Model Name	Description
GSW-3424CM-AC	24 × 10/100/1000Base-T RJ45 + 4 × 1G SFP slots Managed Ethernet Switch with single AC Power Supply
GSW-3424CM-DC	24 × 10/100/1000Base-T RJ45 + 4 × 1G SFP slots Managed Ethernet Switch with single DC Power Supply (-48V)
GSW-3424CM-AA	24 × 10/100/1000Base-T RJ45 + 4 × 1G SFP slots Managed Ethernet Switch with 2 × AC Power Supply
GSW-3424CM-DD	24 × 10/100/1000Base-T RJ45 + 4 × 1G SFP slots Managed Ethernet Switch with 2 × DC Power Supply (-48V)
GSW-3424CM-AD	24 × 10/100/1000Base-T RJ45 + 4 × 1G SFP slots Managed Ethernet Switch with AC + DC Power Supply