2 GSW-3424CM

CTC° union

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

Interface	Copper port: 24x 10/100/1000Base-T RJ45
	Uplink port: 4x 1000Base-X SFP slot
	Console port: 1x RS-232 in RJ45
Switching Fabric Capacity	56Gbps
Packet Forwarding Rate	14880pps @10Mbps
	148800pps @100Mbps
	1488000pps @1000Mbps
Transmission Method	Store and Forward Switching
Packet Buffer	32M bits
MAC Table Size	32K
Jumbo Frame Size	10K 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
	VLAN translation, GVRP (GARP VLAN registration protocol)
Link Aggregation	Static trunk (SA, DA, IP, TCP/UDP port)
	IEEE 802.3ad LACP, 14 LACP trunk groups Max; 8 port Max. per LACP trunk group
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 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
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+ AAA, HTTPs & SSH v2
	IP/MAC binding, IP source guard & ARP inspection
IP Multicasting	IGMP snooping v1/v2/v3, IGMP proxy, MLD snooping v1/v2, IGMP fast leave
	IGMP query, IGMP filtering/throttling, MVR (Multicast VLAN Registration)
Management	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

L2+ Managed Ethernet Switch

Power Input	100~240VAC ; 36~72VDC
Power Consumption	35.45 Watts Max.
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
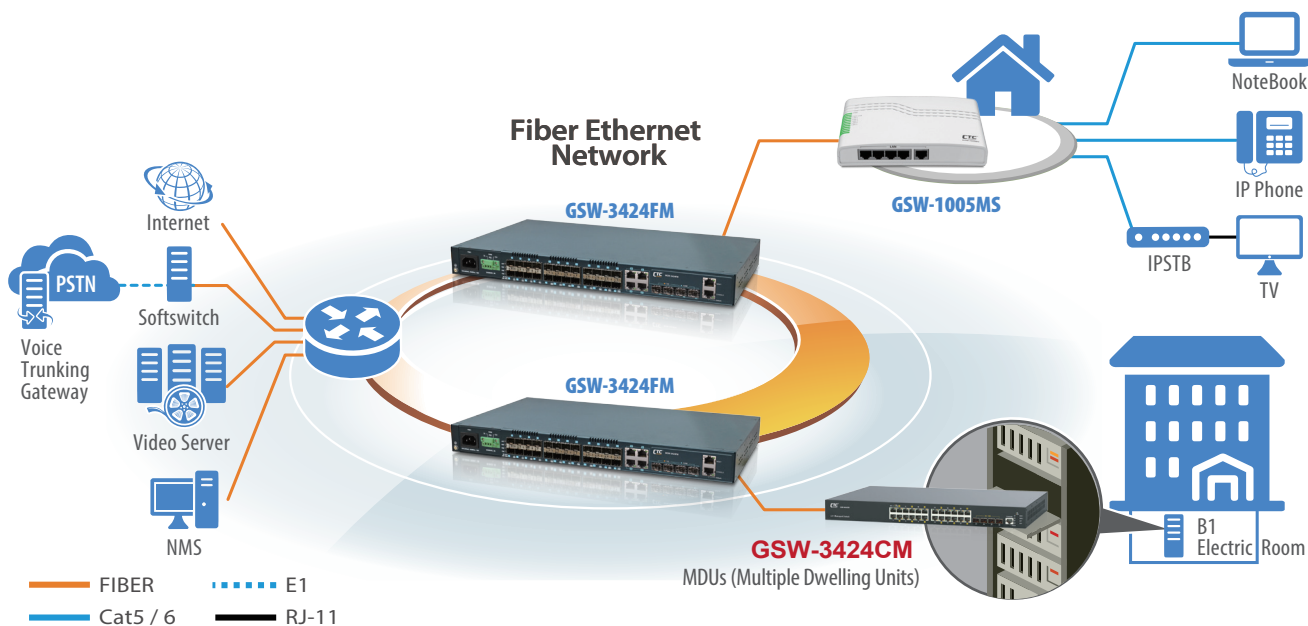
Ordering Information

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 Dual AC Power Supply
GSW-3424CM-DD	24 × 10/100/1000Base-T RJ45 + 4 × 1G SFP Slots Managed Ethernet Switch with Dual 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

www.ctcu.com / sales@ctcu.com / Specifications & design are subject to change without prior notice. Please visit CTC Union website for more details.