

SmartGST-2402M

24 Port 10/100Base-TX Managed Fast Ethernet Switch with 10/100/1000 module slot

Features

- SNMP Network Management
- Multimedia Broadcast
- IEEE802.1q VLAN Tagging
- IEEE802.3ad Port Trunking
- IEEE 802.1d Spanning Tree
- IGMP

Link up to 15,000m with fiber!



SmartGST-2402M
GEP-60124T

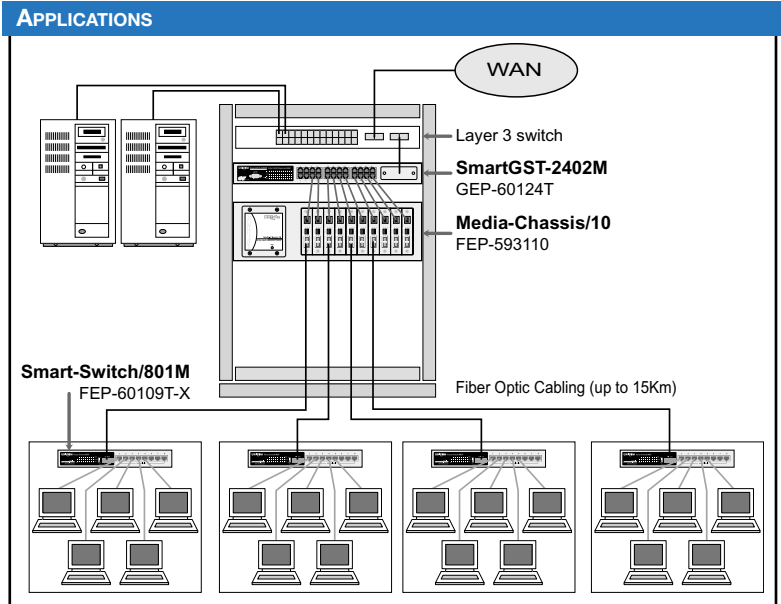


SC Module
GEP-61200S-C

PART NUMBER	DESCRIPTION
GEP-60124T	24 port 10/100Base-TX Managed Switch with a module slot for 1000Base-T/SX/LX or 100Base-FX
GEP-61200F-C	2 port 100Base-FX (SC/MM) Module, 2Km
GEP-61200F-C-SM	2 port 100Base-FX (SC/SM) Module, 15Km
GEP-61200T	2 port 100/1000Base-T Module, 100m
GEP-61200L-C	2 port 1000Base-LX (SC/SM) Module, 10Km
GEP-61200S-C	2 port 1000Base-SX (SC/MM) Module, 500m



Unicom's SmartGST-2402M managed switch is the newest generation of fast Ethernet switching technology. Enhanced by its many features including an optional Gigabit Ethernet module, port trunking, VLAN tagging, spanning tree, and broadcast storm filters, this switch is the best solution for campus and enterprise networks. Twenty-four 10/100Base-TX auto sensing, auto MDI/MDIX ports provide a completely flexible high-performance non-blocking full wire speed solution. The optional 2 port 1000Base-SX/LX or 10/100/1000Base-T Module offers high-speed long haul connections that eliminate bottlenecks to create the ideal backbone. The SmartGST-2402M management features include port-based, dynamic and static VLANs, GVRP, VLAN tagging, IGMP Snooping, port mirroring and port security. Two priority queues per port insure minimum delay for voice over IP or multimedia broadcasting. Network management can be accessed via Telnet or browser from anywhere on the network or via console port at the switch.



The SmartGST-2402M is ideal for school, campus, and enterprise applications. With its Gigabit interface module, it is easy to interface a layer III switch with multiple LANs.

When used with a media chassis at the server side and the Smart-Switch/801M at the remote end, you can extend your connection to sites such as classrooms, campus facilities, and remote offices.

Specifications

Product Features:

- Twenty-four 10/100 ports with module slot
- 8K MAC address table
- 128 VLAN groups
- 8.8Gbps back plane

Standards:

IEEE802.3 10BASE-T 10Mbps, Half/Full Duplex
IEEE802.3u 100BASE-TX, 10/100Mbps, Half/Full Duplex
IEEE802.3z Gigabit SX/LX 1000Mbps
IEEE802.3ab Gigabit 1000T 10/100/1000Mbps
IEEE802.3x Flow control and Backpressure
IEEE802.3ad Link Aggregation
IEEE802.1q VLAN Tagging
IEEE802.1p Class of service
IEEE802.1d Spanning Tree Protocol

Management Interface:

Console port, WEB Browser Interface, and Simple Network Management Protocol (SNMP)

Spanning Tree:

Insures only one path between any two nodes on network

IGMP, GVRP:

IGMP support to reduce IP multicast traffic for the multimedia applications, support for Group VLAN Resolution Protocol

Broadcast Storm Filtering:

Only allows a percentage of ports total bandwidth before broadcast traffic is dropped

Trunking:

Supports 802.3ad port trunking with flexible load distribution with 800Mbps aggregate bandwidth per trunk group

Class of Service:

Supports 802.1p Class of service w/ 2-level priority queuing

Port Mirroring:

Supports source-port-based, destination-port-based and source-destination-port mirroring

Protocol:

CSMA/CD

Max Forwarding and Max Filtering Rate:

14,880 pps per Ethernet port
148,800 pps per Fast Ethernet port
1,488,000 pps per Gigabit Ethernet port

LED Indicators: Per Port:

10/100 UTP: 100M,LK/ACT, FD/COL (3 LEDs)
Per Unit: Power

Dimensions:

440 mm x 225 mm x 44.5 mm (L x W x H)
17.32" x 8.85" x 1.75" (L x W x H)

Copper Network Cables:

10Base-T: Category 3/5e/6 cable (up to 100m)
100Base-TX: Category. 5e/6 cable (up to 100m)
1000Base-T: Category 5e/6 cable (up to 100m)

Fiber Network Cables:

1000Base-SX: SC Multi-mode, Full-duplex: 500m
1000Base-LX: SC Single mode, Full-duplex: 10km
100Base-FX: SC Multi-mode, Full-duplex: 2km
100Base-FX: SC Single mode, Full-duplex: 15Km

Wavelength:

1000Base-SX: MM 850 nm
1000Base-LX: SM 1310 nm
100Base-FX: MM 850 nm,
100Base-FX: SM 1310 nm

Storage Temp:

-40°C to 70°C (-40°F to 158°F)

Operational Temp:

0°C to 45°C (32°F to 113°F)

Operational Humidity:

10% to 90% (Non-condensing)

Power Supply:

100~240 VAC, 50~60 Hz

EMI:

FCC Class A, CE Mark

Safety:

UL, cUL

Management Features

- Web-based management
- SNMP network management
- Console and Telnet management
- IEEE 802.1q Port Base VLAN and Tag VLAN up to 4094 groups
- IEEE 802.3ad Port Trunking
- IEEE 802.3 ad LACP supported
- IEEE 802.1d Spanning Tree
- MIB II (RFC1213) supported
- IP Multi-cast, IGMP Snooping
- Class of Service (CoS)
- Port Mirror, Broadcast Filter, Static MAC Address, Port Security and GVRP supported