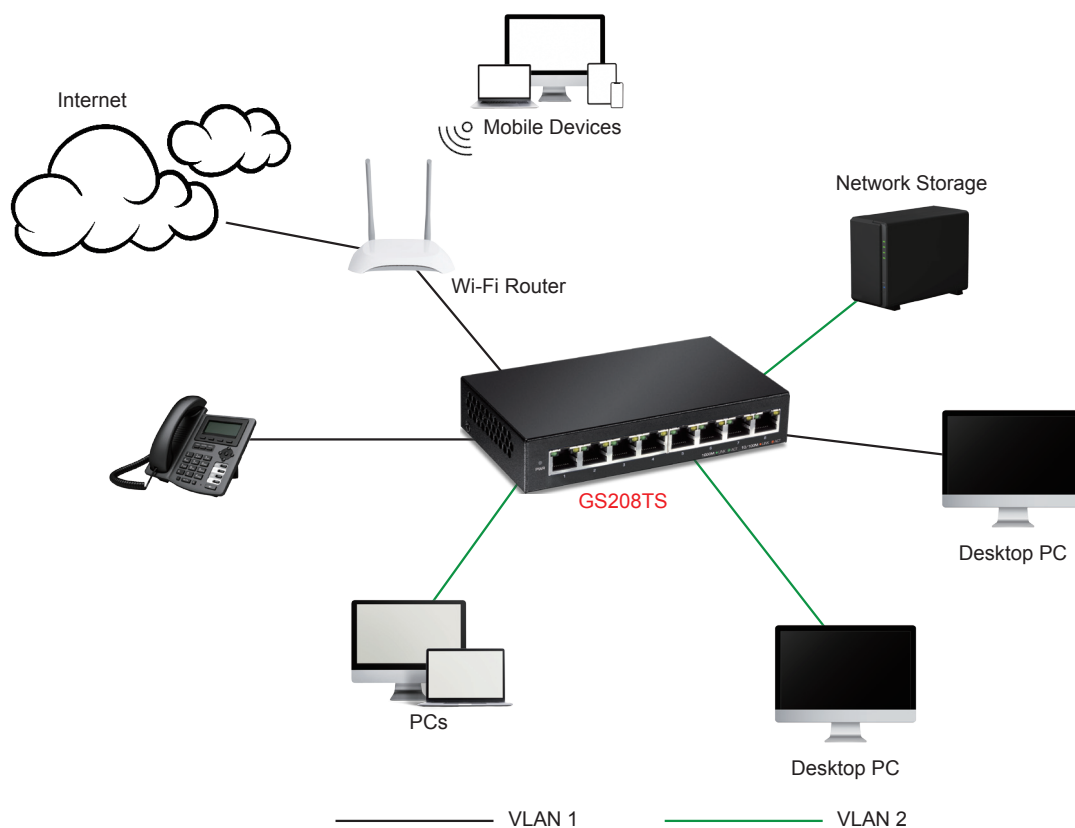


Features

- Plug-and-play no setup required
- Easy-to-use WEB based management GUI
- Easy configuration for QoS, VLAN, Link Aggregation....etc
- Auto MDI/MDIX for each port
- Back pressure flow control for half-duplex
- IEEE802.3x Flow Control supports for Full Duplex
- Extensive front-panel diagnostic LEDs
- Store-and-Forward switching method
- Supports Jumbo Frame
- Non-blocking switching architecture for maximum throughput at wire speed
- Embedded Packet Buffer Memory for Performance Improvement
- IEEE 802.3af and IEEE 802.3at Power Over Ethernet (PoE) for IP Cameras, IP Phones and Wireless APs



Application





Hardware Specifications

Interface	GS205TS	GS208TS	GP205TS-31	GP205TS-18
Gigabit Ethernet	5	8	5	5
PoE Port	--	--	4	1 x PD + 2 x PSE
Performance				
Switching Capacity	10 Gbps	16 Gbps	10 Gbps	10 Gbps
MAC Address Table Size	2K	4K	2K	2K
Packet Buffer Memory	128KB	192KB	128KB	128KB
Jumbo Frame Size	9KB	9KB	9KB	9KB
Forwarding Rate (64-byte)/Port	1.488 Mpps	1.488 Mpps	1.488 Mpps	1.488 Mpps
Auto MDI/MDI-X	Yes	Yes	Yes	Yes
PoE Specifications				
802.3af PoE Ports	--	--	Port 1~4	Port 1~2
802.3at PoE+ Ports	--	--	Port 1~4	--
PoE Maximum Power Per Port	--	--	30W	15.4W
Total PoE Power Budget	--	--	31W	18W
LED				
Per Device	Power	Power	Power, PoE MAX	Power, PoE MAX
Per Port	Link/Activity	Link/Activity	Link/Activity PoE Power (1-4)	Link/Activity PoE Power (1-2)
Energy Efficiency				
Green Ethernet (EEE, 802.3az)	Yes	Yes	Yes	Yes
FAN/Fanless	Fanless	Fanless	Fanless	Fanless
Physical Specifications				
Enclosure Form Factor	Slim	Slim	Slim	Slim
Material	Metal	Metal	Metal	Metal
Dimensions (W x D x H mm)	100.5 x 82 x 28	145 x 82 x 28	150 x 98 x 28	150 x 97 x 28.6
Weight	224 g	317 g	380 g	370 g
Environmental Specifications				
Operating Temperature	0° – 40° C	0° – 40° C	0° – 40° C	0° – 40° C
Operating Humidity (non-condensing)	90% Max.	90% Max.	90% Max.	90% Max.
EMC Certifications				
EMC Certifications	FCC/CE	FCC/CE	FCC/CE	FCC/CE
Safety				
Safety Certifications	LVD	LVD	LVD	LVD
Power				
Power In	External 5VDC/1.0A AC Adapter	External 5VDC/1.0A AC Adapter	External 48VDC/0.8A AC Adapter	PoE PD/PoE+ PD (Port 5)
Maximum Power Consumption	3.2 W	4.94 W	3.42 W (No PoE)	2.4 W (No PoE)
IEEE Network Protocols				
IEEE 802.3 10BASE-T Ethernet	✓	✓	✓	✓
IEEE 802.3u 100BASE-TX Fast Ethernet	✓	✓	✓	✓
IEEE 802.3ab 1000BASE-T Gigabit Ethernet	✓	✓	✓	✓
IEEE 802.3x Flow Control	✓	✓	✓	✓
IEEE 802.3az Energy Efficiency Ethernet	✓	✓	✓	✓
IEEE 802.3af PoE	--	--	✓	✓
IEEE 802.3at PoE+	--	--	✓	✓
IEEE 802.1d STP	✓	✓	✓	✓
IEEE 802.1w RSTP	✓	✓	✓	✓
IEEE 802.1p Class of Service	✓	✓	✓	✓
IEEE 802.1Q Tagged VLAN	✓	✓	✓	✓

*Specifications are subject to change without notice



Hardware Specifications

Interface		GP208TS-64
Gigabit Ethernet		8
PoE Port		8
Performance		
Switching Capacity		16 Gbps
MAC Address Table Size		4K
Packet Buffer Memory		192KB
Jumbo Frame Size		9KB
Forwarding Rate (64-byte)/Port		1.488 Mpps
Auto MDI/MDI-X		Yes
PoE Specifications		
802.3af PoE Ports		8
802.3at PoE+ Ports		8
PoE Maximum Power Per Port		30W
Total PoE Power Budget		64W
LED		
Per Device		Power, PoE MAX
Per Port		Link/Activity PoE Power
Energy Efficiency		
Green Ethernet (EEE, 802.3az)		Yes
FAN/Fanless		Fanless
Physical Specifications		
Enclosure Form Factor		Slim
Material		Metal
Dimensions (W x D x H mm)		171 x 97.8 x 28.6
Weight		423 g
Environmental Specifications		
Operating Temperature		0° – 40° C
Operating Humidity (non-condensing)		90% Max.
EMC Certifications		FCC/CE
Safety		
Safety Certifications		LVD
Power		
Power In		External 54VDC/1.67A AC Adapter
Maximum Power Consumption		5.5 W (No PoE)
IEEE Network Protocols		
IEEE 802.3 10BASE-T Ethernet		✓
IEEE 802.3u 100BASE-TX Fast Ethernet		✓
IEEE 802.3ab 1000BASE-T Gigabit Ethernet		✓
IEEE 802.3x Flow Control		✓
IEEE 802.3az Energy Efficiency Ethernet		✓
IEEE 802.3af PoE		✓
IEEE 802.3at PoE+		✓
IEEE 802.1d STP		✓
IEEE 802.1w RSTP		✓
IEEE 802.1p Class of Service		✓
IEEE 802.1Q Tagged VLAN		✓

*Specifications are subject to change without notice

Software Specifications

Management

HTTP Web Based GUI / SNMP v1, v2c / Cable Diagnostic Test / Backup/Restore Configuration / Upload Firmware

Spanning Tree

IEEE 802.1d STP / IEEE 802.1w RSTP

Link Aggregation

Static Link Aggregation (GS205TS/GP205TS-31:1 Group; GS208TS/GP205TS-18/GP208TS-64:Up to 2 Groups)

Quality of Service

Port-based QoS / 802.1p Class of Service / Bandwidth Control/Rate Limiting per port (Min. Limit: 8Kbps) / Queue Scheduling (SP+WFQ)

VLAN

Port-based VLAN / 802.1Q Tagged VLAN / VLAN Groups(Up to 32 Groups) & ID Range(1-4094) / Private VLAN / Asymmetric VLAN / Voice VLAN (5 user defined OUIs)

Multicast

IGMP Snooping (v1/2/3) / Block unknown multicast source / Up to 32 multicast groups

Port Mirror

One to One / Many to One

Storm Control

Broadcast (Min. Limit: 8Kbps) / Multicast (Min. Limit: 8Kbps) / Loopback Detection

**Specifications are subject to change without notice*