# IP-COM
## World Wide Wireless

# G2124T

## 24 -Port Gigabit Switch with 2 combo SFP Slots

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## Products Description

G2124T is a green energy-conservation layer2 Unmanaged switch . It is specially designed to build a fast, convenient and easy-maintained wired access network. it provides 24 10/100/1000Mbps RJ45 ports and 2 Combo Gigabit SFP uplink ports. Port 23 and 24 are a link aggregation group, which can create an aggregated connection of up to 2Gbps concurrent throughput. G2124T appliy with the world's leading chipset vendor Broadcom solution, which brings a strong switch performance. The all-steel-shell body improves the heat dissipation and ensures the stability. Professional port lightning-proof enables to reduce the damage of severe weather. It supports full wire-speed non-blocking forwarding and port auto-flip. With high enterprise-level art, it is the ideal solution to build your gigabit wired access network (SMBs, hotels, Video Surveillance).



- 24 10/100/1000Mbps RJ45 ports, 2 combo Gigabit SFP slots
- 19-inch rack-mountable, 1U steel case
- Plug and play, Without configuration

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# Key Feature

- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab

- Store & forward, share memory, non-blocking architecture

- Supports MAC address self-learning and auto MDI/MDIX

- Provide 24 10/100/1000Mbps auto-negotiation ports，2 Gigabit combo SFP slots

- Port 23 and 24 are a link aggregation group( static LAG SMAC+ DMAC)

- Supports full-deplux 802.3x flow control and half-duplux backpressure flow control

- Supports 8K MAC address list, MAC address learning and auto-ageing

- Supports Power Inductive Lightning Protection up to 6KV

- Built-in switching power adapter, support AC 110-240V 50/60Hz input

- Fanless design

- Standard 19-inch rack-mountable, 1U steel case

- Plug and play, no need configuration

# Product Features

### Multiple and flexible ports

Provide 24 10/100/1000M auto-negotiation RJ45 ports，2 combo Gigabit SFP slots. All ports have the wire-speed forwarding capability and support IEEE 802.3x full-duplex flow control and half-duplex backpressure flow control. The multiple ports provide great flexibility for users to build networks and allow users to quickly build all kinds of wired networks.

### Excellent Lightning-Proof design

Integrated professional lightning-proof circuit which supports power lightning-proof (common mode protection 6KV). Effectively reduce the damage to the network system caused by the thundery weather.

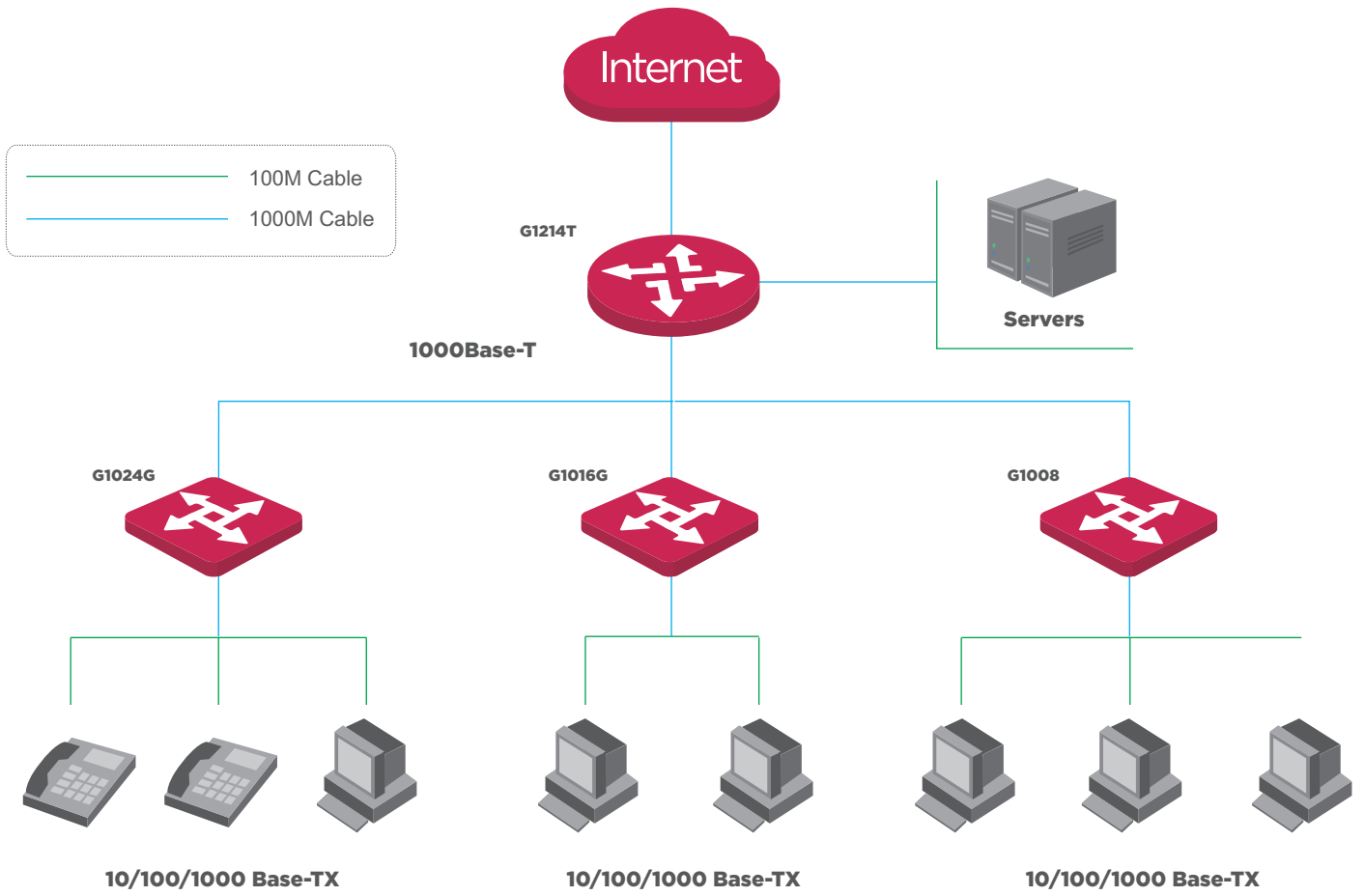### Up to 2x Faster Than a Single Gigabit Connection

Port 23 and 24 are a link aggregation group, which can create an aggregated connection of up to 2Gbps concurrent throughput to any other link aggregation capable devices, such as IP-COM G3224T. In the office or in the SMB, with link aggregation you will get the fastest file transfers, backups, while also providing a redundant connection for fail-over.

### Easy to use

Plug-and-play. which helps you quickly build Gigabit wired network and greatly simplify the management and maintenance of equipment，It supports desktop and standard 19-inch rack mounted installation with two pairs of rack-mounted hangers, which can be easily installed in a standard 19-inch machine room cabinet.

G2124T    24-Port Gigabit Switch with 2 combo SFP Slots

# Application Scenarios

| | |
|---|---|
| ─────── | 100M Cable |
| ─────── | 1000M Cable |

Internet

G1214T

1000Base-T

Servers

G1024G

G1016G

G1008

**10/100/1000 Base-TX**

**10/100/1000 Base-TX**

**10/100/1000 Base-TX**

G2124T   24-Port Gigabit Switch with 2 combo SFP Slots

| Product Model | G2124T |
|---|---|
| | **Hardware Features** |
| Standards&Protocols | IEEE 802.3、 IEEE 802.3u、 IEEE 802.3z、<br>IEEE 802.3ab、IEEE 802.3x、IEEE 802.3ad |
| Interface | 24*10/100/1000Mbps RJ45 Ports, 2 Gigabit combo SFP slots<br>(Auto Negotiation/Auto MDI/MDIX) |
| Transfer Method | Store-and-Forward |
| Switching Capacity | 48Gbps |
| Packet Forwarding Rate | 35.7Mpps |
| Address Table | 8K |
| Power Consumption | ＜20W |
| Power input | 100-240VAC, 50/60Hz |
| Dimension（L×W×H） | 440mm*178mm*44mm |
| Fan Quantity | Fanless |
| Environment | Operating Temperature:: 0℃～40℃<br>Storage Temperature：-40℃～70℃<br>Operating Humidity：10%～90% non-condensing<br>Storage Humidity：5%～90% non-condensing |
| | **Software Features** |
| Port Feature | IEEE802.3x flow control (full duplex) |
| Link Aggregation | LACP<br>Port 23 and 24 are a link aggregation group,（static LAG, SMAC+DMAC） |

# IP-COM
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