

# Cisco 350X Series Stackable Managed Switches

## Benefits

- Boost network performance with Gigabit and 10 Gigabit speeds
- Simplify your operations
- Enhance your network security
- Conserve power consumption and costs



## Enterprise-Quality Performance on a Small-Business Budget

Large organizations have been using Gigabit and 10 Gigabit Ethernet for years to meet the growing demands of data-intensive business applications. The LAN technology improves network performance and availability while boosting productivity and business efficiencies. It provides a solid foundation for new and emerging technologies - like server virtualization, big data, gigabit wireless, video, and more.

But small and mid-sized businesses have had a hard time breaking through the cost barrier to adopt this technology. Until now.

Cisco® 350X Series Stackable Managed Switches help you affordably deploy the high-bandwidth applications and technologies essential to competing in today's fast-paced, connected world. This next generation of managed switches is built on Gigabit and 10 Gigabit Ethernet connectivity to give you the highest level of performance. Copper and fiber connection options provide the flexibility to configure your network to handle current applications while also planning for future growth. At the same time, these switches are easy to deploy and manage.

So you can increase capacity and simplify your network all at the same time.

Figure 1. Cisco 350X Series Stackable Managed Switches



## Break the 10 Gigabit Ethernet Barrier

With Cisco 350X Series Stackable Managed Switches, you can affordably adopt 10 Gigabit Ethernet connectivity. These switches offer models with 24- to 48-port Gigabit with 10 Gigabit uplinks and models with 12, 24, or 48 ports of all 10 Gigabit Ethernet connections, featuring both cost-effective copper (10GBase-T) and fiber (SFP+) options. You can stack up to four units and up to 208 ports that you can configure, manage, and troubleshoot as a single entity. The SG350XG and SG350X models allow for numerous network design options. You can use the SG350XG models, with their all 10G ports, as aggregation switches. You can then easily and cost-effectively connect the SG350XG 10G links to servers and network storage devices using standard RJ-45 Ethernet cables.

In addition, you can use the SG350X models as access switches, connecting their Gigabit links to end devices and connecting their 10G uplinks to an SG350XG aggregation switch. Aggregating all the 10G uplinks helps build a high-performance backbone that significantly increases the capacity of your network.

## Rich Capabilities Ease Management and Security

Many capabilities are built into the 350X Series switches to simplify the deployment and operation of your network:

- **Easy setup and management:** Configuration wizards and true stacking make it easy to set up and manage the network.
- **Power reduction:** The latest ASIC technology provides power efficiency that reduces your carbon footprint and your energy bill.
- **Security:** Advanced security features include access control lists (ACLs), guest virtual LANs (VLANs), encrypted management data, and IEEE 802.1X security.
- **Threat defense:** DHCP snooping, dynamic ARP Inspection, IPv6 first-hop security, and denial-of-service (DoS) prevention help protect your network.

### Next Steps

For more information on 10-Gigabit Ethernet and this series of switches, visit [www.cisco.com/go/350Xswitches](http://www.cisco.com/go/350Xswitches).