Cisco Catalyst 3560 and Cisco Catalyst 2960 Compact Switches
Networking Trends

- Increasing number of IP-based devices and applications requiring higher network performance, security, and reliability
- Companies with wiring constrained environments need small density switches outside the wiring closet
- Unintelligent hubs/switches cannot meet security, performance, and reliability requirements
- Cisco® Catalyst ® 3560 and Cisco Catalyst 2960 Compact Switches enable advanced technology at the network edge for deployments outside the wiring closet
Enable advanced technology at the network edge for deployments outside the wiring closet.

Office workspaces, micro branch offices, classrooms, cruise ships, and other wiring constrained environments

Integrated with the existing Cisco Catalyst 3560 and Cisco Catalyst 2960 Series Switches
Cisco Catalyst 3560 and Cisco Catalyst 2960 Compact Switch Overview

- **Compact Form Factor**
  Durable, silent, and versatile design with a metal shell, no fan, small size, magnet, cable guard, and rack mount.

- **Advanced Security**
  Network Admission Control, Enhanced 802.1x, Access Control Lists, DHCP Snooping, Dynamic ARP Inspection (3560 only) and IP Source Guard (3560 only)

- **Support Advanced Technology**
  Power over Ethernet (15.4W on all 8 ports) with superior QoS to support Cisco® Unified Communications® (3560 only)
  Gigabit Ethernet access for higher performance (2960G only)

- **Simplified Management**
  Cisco® Network Assistant®, Catalyst Device Manager, Smartports, and CiscoWorks support

- **Investment Protection and Deployment Flexibility**
  Dual-purpose 10/100/1000Base-T and SFP uplink. IPv6 support in hardware. Limited Lifetime Warranty.
Supported Small Form-Factor Pluggable Modules

<table>
<thead>
<tr>
<th>SFP Transceiver</th>
<th>Cisco® Catalyst® 2960 LAN Base Switches</th>
<th>Cisco Catalyst 2960 LAN Lite Switches</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLC-LH-SM=</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>GLC-SX-MM=</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>GLC-ZX-SM=</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>GLC-T=</td>
<td>Yes*</td>
<td>Yes</td>
</tr>
<tr>
<td>GLC-BX-D=</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>GLC-BX-U=</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>GLC-GE-100FX=</td>
<td>Yes*</td>
<td>Yes</td>
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<tr>
<td>GLC-FE-100FX=</td>
<td>Yes*</td>
<td>Yes</td>
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<tr>
<td>GLC-FE-100LX=</td>
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<tr>
<td>GLC-FE-100BX-D=</td>
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<tr>
<td>GLC-FE-100BX-U=</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>CWDM SFPs</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

- GLC-T and GLC-GE-100FX are not supported on the Cisco Catalyst 2960-8TC-S, 2960-8TC-L and 2960G-8TC-L switches. For 100BASE-FX connectivity, use the GLC-FE-100FX instead for the compact switches.
## Accessories

<table>
<thead>
<tr>
<th>Product ID</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBLGRD-C3560-8PC=</td>
<td>Cable guard for the Cisco® Catalyst® 3560-8PC</td>
</tr>
<tr>
<td>CBLGRD-C3560-12PC=</td>
<td>Cable guard for the Cisco Catalyst 3560-12PC</td>
</tr>
<tr>
<td>CBLGRD-C2960-8TC=</td>
<td>Cable guard for the Cisco Catalyst 2960-8TC</td>
</tr>
<tr>
<td>CBLGRD-C2960G-8TC=</td>
<td>Cable guard for the Cisco Catalyst 2960G-8TC</td>
</tr>
<tr>
<td>PWR-A=</td>
<td>Power Adaptor for the Cisco Catalyst 2960PD-8TT</td>
</tr>
<tr>
<td>RCKMNT-19-CMPCT=</td>
<td>Rack mount for the Cisco Catalyst 3560 and 2960 Compact switches</td>
</tr>
</tbody>
</table>

- Magnet included with switch
- Cable guard and rack mount ordered separately
Advantages of Cisco® Catalyst® 2960:

- Access to future Cisco IOS enhancements
- Dual-purpose GE uplink
- Scalable and secure management with lower TCO
- Improve QoS management
- SSH, SSL support

Cisco Catalyst 2940 End-of-Sale Announcement:
October 2008 (One Year Transition Period)

Transition

- 2940-8TF-S with 100FX port
- 2940-8TT-S

Transition

- 2960 LAN Base compact
- WS-C2960-8TC-L
- 2960 LAN Lite compact
- WS-C2960-8TC-S
Compact Design

- Small size (H x W x D)
  4.4cm x 27cm x 16-23cm
- Flexible wall and under the desk mounting
- Durable metal shell
- Cable guard
- Internal power supply and right angle power cord
- Passive cooling (no fan)
- Magnet included
- Security locking slot
- 19 inch rack mount option
Office Workspace Deployment Scenario

**Cisco Catalyst 2960 series compact switch:**
- Desktop and Printer Fast Ethernet Secure Connectivity

**Cisco Catalyst 3560-8PC:**
- Desktop, Printer, Wireless LAN, and Unified Communications

**Cisco Catalyst 3560/3750 or 4500 in wiring closet**

**Cisco Catalyst 6500 in core**

**Fast Ethernet or Gigabit Ethernet**
- Copper or Fiber uplink
Benefits for Office Workspace

- Enable intelligent services in conference rooms, desk islands, and other locations with limited cabling from the wiring closet
- Improve application performance by removing hubs and unmanaged switches from network
- Deliver advanced security such as Network Admission Control to the enterprise network edge
- Provide PoE to IP phones and replace power bricks, power injectors or PoE mid-span devices
- Deliver Cisco® Unified Communications® with superior Quality of Service
- Provide Gigabit Ethernet to the end user
Micro Branch Deployment Scenario

Cisco Catalyst 2960 series compact switches: Desktop and Printer Fast Ethernet Secure Connectivity

Cisco Catalyst 3560-8PC: Desktop, Printer, Wireless LAN, and Unified Communications

Cisco Integrated Services Router

WAN or Internet
Benefits for Micro Branch Offices

- Enable scalable intelligent services for customers with large number of branch offices each with only a few end users
- Improve application performance by removing hubs and unmanaged switches from network
- Provide PoE to IP phones, wireless access points, IP video cameras and replace power bricks, power injectors or PoE mid-span devices
- Deliver Cisco® Unified Communications® with superior Quality of Service
Classroom Deployment Scenario

Cisco® Catalyst® 2960-8TC: Desktop and Printer Fast Ethernet Secure Connectivity

Cisco Catalyst 2960G-8TC: Desktop and Printer Gigabit Ethernet Secure Connectivity

Cisco Catalyst 3560-8PC: Desktop, Printer, Wireless LAN, and Unified Communications

100MB multi-mode fiber

Gigabit Ethernet Copper or Fiber uplink

Cisco Catalyst 3560/3750 or 4500 in wiring closet

Cisco Catalyst 6500 in core
Benefits for Classrooms

- Improve application performance by removing hubs and unmanaged switches from network
- Provide PoE to an IP phone, wireless access point, and IP video camera.
- Replace power bricks, power injectors or PoE mid-span devices for higher reliability
- Deliver Cisco® Unified Communications® with superior Quality of Service
- Supports Fast Ethernet and Gigabit Ethernet uplink over both copper and fiber for investment protection
More Information

- Supported in Cisco® Network Assistant® starting with version 5.0
  www.cisco.com/go/cna

- Supported in CiscoWorks LMS

- For more information on the Cisco® Catalyst® 3560 Series Switches go to: www.cisco.com/go/catalyst3560

- For more information on the Catalyst 2960 Series Switches go to: www.cisco.com/go/catalyst2960
Cisco Catalyst 3560 and Cisco Catalyst 2960 Compact Switch Summary

- Designed for end-user environment, outside the wiring closet
- Expand enhanced security to the enterprise network edge
- Enable advanced technologies such as Cisco® Unified Communications®, Wireless LAN, and IP video cameras
- Lower Total Cost of Ownership with simplified management
- Improve performance with Gigabit Ethernet access ports and flexible dual-purpose uplink