



Fast Install Guide

This chapter is an abbreviated procedure for installing the Catalyst 2100 switch. Use this chapter if you are familiar with installing and managing 10Base-T hubs, and you are aware of the configuration and planning requirements of a 100Base-TX network.



Caution If you do not have 10Base-T hub experience, are not familiar with 100Base-TX networks, or you want to change the default settings, use the installation procedure described in the “Installation” chapter.

Packing List

Check the Catalyst 2100 package. It should contain the following items:

- The Catalyst 2100 unit
- This *Catalyst 2100 User Guide*
- One Catalyst 2100 DOS diskette containing the Catalyst 2100 MIBs in ASCII text format, precompiled MIBs (Profiles) for Novell NetWare Management System (NMS), and a README file.
- One Catalyst 2100 UNIX diskette in TAR format containing the Catalyst 2100 MIBs in ASCII text format, pre-compiled MIBs for SunNet Manager and HP OpenView and a README file.
- Serial cable
- Power cord
- Warranty package

Default Settings

- Four rackmount screws
- Cushioning kit: four rubber feet with instructions.

Note If any of these items are missing, notify Cisco Systems or your authorized reseller immediately.

Default Settings

Table 1 is a partial list of the Catalyst 2100 default settings. These parameters can be set with the Catalyst 2100 management console or with any SNMP-compatible management station.

Table 1 Default Settings and Their Management Console Menus

Catalyst 2100 Feature	Default Setting	Management Console Menu
Switching mode	FastForward	System Configuration
Spanning-Tree Protocol	Enabled	Spanning-Tree Configuration
Addressing security	Disabled	Port Addressing
VLAN configuration	All ports belong to VLAN1	Virtual LAN Configuration
Port monitoring	Disabled	Monitoring Configuration
Flooding unknown unicast packets	Enabled	Port Addressing
Flooding unregistered multicast packets	Enabled	Port Addressing
Full duplex	Disabled	Port Configuration
Assign IP address to Catalyst 2100	0.0.0.0	IP Configuration

Catalyst 2100		
Feature	Default Setting	Management Console Menu
Define trap manager	0.0.0.0	Network Management (SNMP) Configuration
Action on address violation	Suspend	System Configuration

If you find some of these terms unfamiliar, they are described in detail in the “Concepts” chapter.

Fast Install Procedures

To install your Catalyst 2100:

- 1 Unpack the Catalyst 2100 unit.
- 2 Mount Catalyst 2100 on a table, shelf, or rack.
- 3 Attach the power cable.
- 4 Turn the power on.
- 5 Wait for the power-on self-test to run.

When Catalyst 2100 is first turned on, it lights all LEDs and executes a Power-On Self-Test (POST). There are 15 tests run in reverse order starting with number 15. As a test is running, the column of port LEDs with that test number are turned off. When the test passes, the LEDs are turned back on and the next test performed. A complete description of the 15 POST tests is included in the section “POST Failure” in the “Troubleshooting” chapter.

Tests 9 and 10, which check the DRAM, each take about 30 seconds; each of the other tests lasts a few seconds. If a test fails, the associated LED column remains off during the remainder of the tests. When all tests have completed, the LEDs for each passed test remain on and the LEDs for the failed tests remain off. When all tests pass, all LEDs are turned off.

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Note If test 14 or 15 fails, the POST stops immediately. If this happens, call Cisco Systems for service.

6 Cable the workstations, servers, and other devices to the Catalyst 2100.

7 Connect Catalyst 2100 to the network as required.

The installation is now complete and Catalyst 2100 is operational.

Note Spanning tree takes more than 30 seconds to configure its topology. No packet forwarding will take place during this time.
