



Introducing the Cisco 1121 Secure Access Control System Hardware

This chapter gives an overview of the Cisco Secure Access Control System (CSACS-1121) hardware. It covers the appliance hardware, major components, controls, connectors, and front- and rear-panel LED indicators.

This chapter contains:

- [Product Overview, page 2-1](#)
- [Hardware Features, page 2-4](#)
- [Regulatory Compliance, page 2-7](#)

Product Overview

This section describes the power requirements, rack-mount hardware kit, and features of the CSACS-1121 Series appliance.

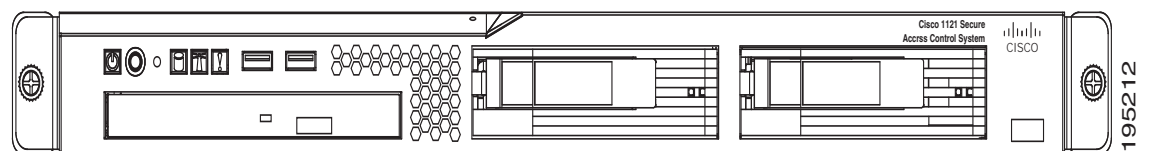
This section contains:

- [CSACS-1121 Series Appliance Overview, page 2-1](#)
- [Product Serial Number Location, page 2-3](#)
- [Cisco Product Identification Tool, page 2-3](#)

CSACS-1121 Series Appliance Overview

The CSACS-1121 Series appliance (see [Figure 2-1](#)) is contained in a standard shelf-rack enclosure. The appliance weighs from 24.25 lb (11.0 kg) to 28.0 lb (12.7 kg). It measures 1.75 inches high x 17.3 inches wide x 22.0 inches deep (44.5 mm x 440.0 mm x 559.0 mm). These dimensions do not include the rack handles.

Figure 2-1 Cisco 1121 Secure Access Control System Front View



The CSACS-1121 Series appliance is configured for AC-input power and has a single auto-ranging AC-input power supply, mounted in a standard 19-inch (48.3 cm), 4-post equipment rack (using the rack-mount brackets provided). The CSACS-1121 features include:

- Microprocessor—Intel Core 2 Duo 2.4-GHz processor with an 800-MHz front side bus (FSB) and 2 MB of Layer 2 cache.
- Four synchronous dynamic RAM (SDRAM) slots that are installed with 4 GB.
- Two 250-GB SATA hard drives installed.
- A fixed RJ-45 10BASE-T/100BASE-TX/1000BASE-T network interface connector (located on the rear panel).
- One slimline DVD-ROM drive (located on the front panel).
- One DB-9 serial (console) port (located on the rear panel).
- Front-to-rear airflow blowers using two 40-mm exhaust fans and ducting for the CPU and memory, two 40-mm exhaust fans built into the power supply, and one PCI exhaust fan.
- Expansion slot support—One PCI-X (located on the rear panel).
- Four USB 2.0 ports (two located on the rear panel, two on the front panel).
- One PS/2 keyboard port (located on the rear panel).
- One PS/2 mouse port (located on the rear panel).
- One PS/2 video monitor port (located on the rear panel).
- One DB-15 serial (video) port (located on the rear panel).
- Four Gigabit Ethernet interfaces.
- Rear-access cabling.
- Front-panel appliance LEDs:
 - Appliance power
 - Hard disk drive activity
 - Locator
 - System error
 - CD drive activity

For a description of the LEDs, see [CSACS-1121 Appliance Front-Panel View, page 2-4](#).

- Back-panel appliance LEDs:
 - Ethernet activity
 - Ethernet link

For a description of the LEDs, see [CSACS-1121 Appliance Back-Panel View, page 2-5](#)

- The CSACS-1121 appliance is normally shipped with a rack-mount hardware kit which includes either brackets or rails that allow the CSACS-1121 to be positioned in a 4-post equipment rack. For more information, see [Chapter 4, “Installing the Cisco 1121 Secure Access Control System Hardware.”](#)

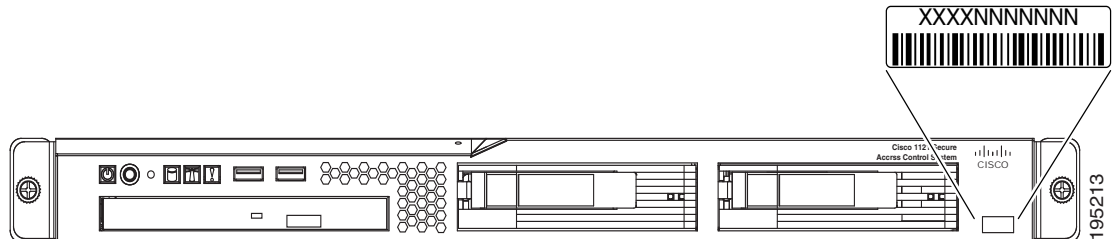


Note The rack-mount hardware kit does not include a 2-post equipment rack.

Product Serial Number Location

The serial number label is located on the front panel of the CSACS-1121 Series appliance, at the lower left. [Figure 2-2](#) shows the location of this label.

Figure 2-2 CSACS-1121 Appliance Serial Number Location



Note

The serial number for the CSACS-1121 Series appliance is 11 characters long.

Cisco Product Identification Tool

The Cisco Product Identification (CPI) tool helps you retrieve the serial number of your Cisco products. Before you submit a request for service online or by phone, use the CPI tool to locate your product serial number. You can access this tool from the Cisco Support website.

To access this tool:

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- Step 1** Click the **Get Tools & Resources** link.
 - Step 2** Click the **All Tools (A-Z)** tab.
 - Step 3** Select **Cisco Product Identification Tool** from the alphabetical drop-down list.

This tool offers three search options:

- Search by product ID or model name.
- Browse for Cisco model.
- Copy and paste the output of the **show** command to identify the product.

Search results show an illustration of your product with the serial number label location highlighted. Locate the serial number label on your product and record the information before you place a service call.

You can access the CPI tool at:

<http://tools.cisco.com/Support/CPI/index.do>

To access the CPI tool, you require a Cisco.com user ID and password. If you have a valid service contract but do not have a user ID or password, you can register at:

<http://tools.cisco.com/RPF/register/register.do>

Hardware Features

This section describes the front- and rear-panel controls, ports, and LED indicators on the CSACS-1121 Series appliance.

This section contains:

- [CSACS-1121 Appliance Front-Panel View, page 2-4](#)
- [CSACS-1121 Appliance Back-Panel View, page 2-5](#)
- [Input/Output Ports and Connectors, page 2-6](#)

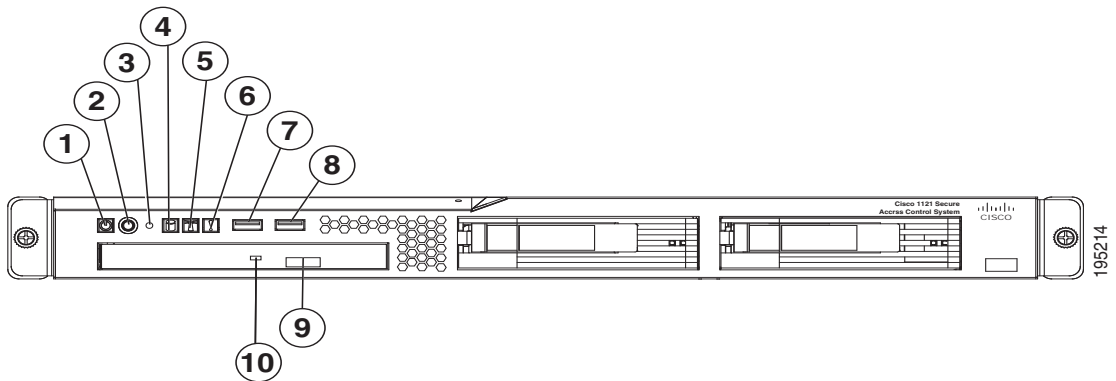
CSACS-1121 Appliance Front-Panel View

The front panel of the CSACS-1121 Series appliance contains:

- Power-control button
- Reset button
- Two USB 2.0 ports
- CD-eject button
- Various LEDs (appliance and CD drive)

[Figure 2-3](#) shows the components of the front panel.

Figure 2-3 CSACS-1121 Series Appliance Front View



The following table describes the callouts in [Figure 2-3](#).

1	Appliance power LED	6	System-error LED
2	Power-control button	7	USB 1 connector
3	Reset button	8	USB 2 connector
4	Hard disk drive activity LED	9	CD-eject button
5	Locator LED	10	CD drive activity LED

LEDs on the CSACS-1121 Front Panel

Table 2-1 describes the LEDs located on the front panel of the CSACS-1121 Series appliance.

Table 2-1 Front-Panel LEDs

LED	Color	State	Description
Appliance power	Green	On	Power on
	Green	Blinking	Sleep (standby)
	Off	Off	Power off
Hard disk drive	Green	Random blinking	Hard disk drive activity
	Off	Off	No hard disk drive activity
Reset Button	—	—	Press the button to do a soft reset
Locator LED	Blue	Blinking	System is booting up
	Off	Off	System bootup is completed
System error	Amber	On	A system error has occurred
CD drive activity	Green	On	The CD drive is in use

CSACS-1121 Appliance Back-Panel View

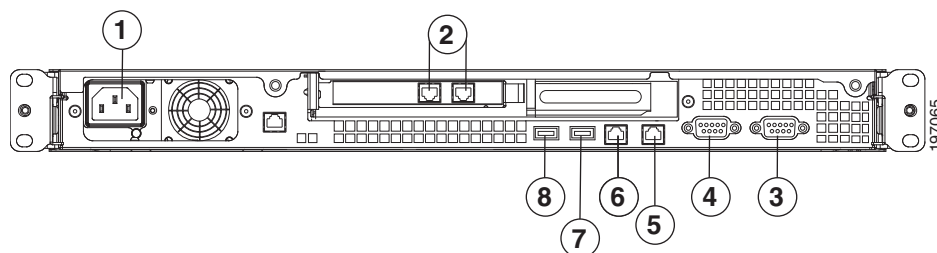
The back panel of the CSACS-1121 Series appliance contains:

- AC power connector
- Serial connector
- One Video connector
- Four Ethernet (RJ-45) connectors
- Two USB 2.0 ports
- Ethernet LEDs

Figure 2-4 shows the components of the back panel.

The locations of the rack-mounting brackets are also shown on the left and right sides of the appliance. (See [Rack-Mounting Configuration Guidelines](#), page 4-1 for instructions on how to install the mounting brackets.)

Figure 2-4 CSACS-1121 Series Appliance Rear View



The following table describes the callouts in [Figure 2-4](#).

1	AC power receptacle	5	Gigabit Ethernet 1
2	Gigabit Ethernet	6	(In use) Gigabit Ethernet 0 Note This NIC must be used for network installation and for the management interface.
3	Serial connector	7	USB 3 connector
4	Video connector	8	USB 4 connector

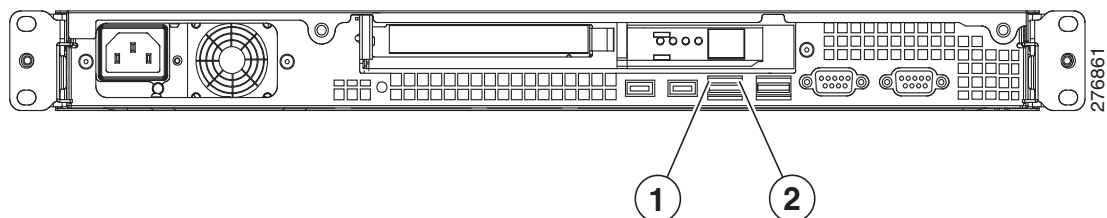
LEDs on the CSACS-1121 Rear Panel

[Table 2-2](#) describes the LEDs located on the rear panel of the CSACS-1121 Series appliance. [Figure 2-5](#) shows these LEDs.

Table 2-2 Rear-Panel LEDs

LED	Color	State	Description
Ethernet activity LED	Green	On	Activity exists between the server and the network
	Green	Blinking	Activity exists between the server and the network
	Off	Off	No activity exists
Ethernet link LED	Green	Random blinking	Ethernet controller is connected to the network
	Off	Off	Ethernet controller is not connected to the network

Figure 2-5 CSACS-1121 Rear Panel LEDs



Input/Output Ports and Connectors

The CSACS-1121 Series appliance supports the following types of Input/Output connectors:

- Two Gigabit Ethernet ports (on the rear panel)
- One serial port (on the rear panel)
- One parallel port (on the rear panel)
- USB 2.0 ports (2 on the front panel, 2 on the rear panel)

**Warning**

To avoid electric shock, do not connect safety extra-low voltage (SELV) circuits to telephone-network voltage (TNV) circuits. LAN ports contain SELV circuits, and WAN ports contain TNV circuits. Some LAN and WAN ports both use RJ-45 connectors. Use caution when connecting cables. Statement 1021

Regulatory Compliance

For regulatory compliance and safety information, see [Regulatory Compliance and Safety Information for Cisco Secure Access Control System](#).

For more information, see [Obtaining Documentation and Submitting a Service Request](#).

