



# Quick Start Guide



## Cisco SRP500 Series Services Ready Platforms (SRP520 Models)

### Package Contents

- Cisco SRP500 Series Services Ready Platform
- RJ-45 Ethernet Cable
- RJ-11 Telephone Cable
- Power Clip and Adapter
- Quick Start Guide
- Product CD

# Welcome

Thank you for choosing Cisco SRP500 Series Services Ready Platforms. This guide describes how to physically install the SRP and how to use the Setup Wizard to configure it.

## 1 Before You Begin

Before you begin the installation, make sure that you have the following:

### For Hardware Installation

- An active Internet connection.
- (Optional) Analog phone line.
- (Optional) Telephone handset, fax machine, or PBX line for connecting to the voice ports.
- Cables
  - RJ-45 Ethernet cables (Category 5 or higher) for connecting computers, WAN and LAN interfaces, phones, or other devices.
  - RJ-11 telephone cable for analog line (FXO) and phone (FXS) connections.
  - ADSL splitter, if required by your Service Provider.
- (Optional) Mobile Broadband USB Modem.

### For Software Installation:

- A computer running:
  - Microsoft Internet Explorer 7.0 (or later), or Mozilla Firefox 3.6.
  - Adobe Flash Player with add-on version 10.0.0 or later (needed to to configure your SRP).

## Default Settings

Use these default settings when configuring your SRP with the Setup Wizard. See [Getting Started with the Configuration, page 11](#).

Parameter	Value
Device IP	192.168.15.1
Username	cisco
Password	cisco
DHCP Range	192.168.15.100 to 149

To configure advanced features (such as wireless, network, and voice settings), log in by using the Administrator account.

For more information, see the Cisco SRP500 Series Services Ready Platforms Administration Guide (SRP520 Models) at:

[www.cisco.com/go/srp500](http://www.cisco.com/go/srp500).

**NOTE** If you obtained your SRP from your Service Provider, you might not have access to the Administrator account. Contact your Service Provider for more information.

## 2 Getting to Know the Cisco SRP500 Series Services Ready Platforms

This section lists the available model numbers to help you become familiar with your SRP, and shows the front panel, back panel, side view, and top the unit.

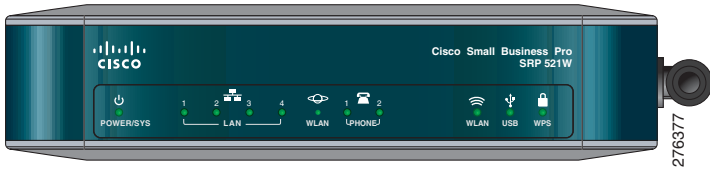
**NOTE** To get started with the installation right away, see [Installing the SRP500 Services Ready Platforms, page 8](#).

# Model Numbers

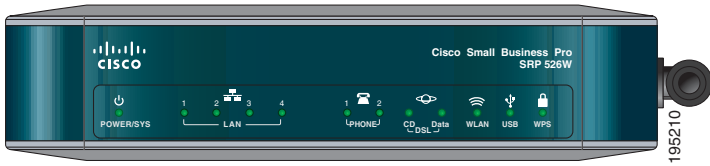
Model	Description
<b>SRP521W</b>	Fast Ethernet WAN 2 Phone (FXS) ports, 1 Line (FXO) port, 1 WAN (10/100) port, 4 LAN (10/100) ports, 1 USB 2.0 port, 802.11n, and WiFi Protected Setup (WPS)
<b>SRP526W</b>	ADSL2+ Annex B (ADSL over ISDN) 2 Phone (FXS) ports, 1 Line (FXO) port, 1 DSL port, 4 LAN (10/100) ports, 1 USB 2.0 port, 802.11n, and WiFi Protected Setup (WPS)
<b>SRP527W</b>	ADSL2+ Annex A/M (ADSL over POTS) 2 Phone (FXS) ports, 1 Line (FXO) port, 1 DSL port, 4 LAN (10/100) ports, 1 USB 2.0 port, 802.11n, and WiFi Protected Setup (WPS)

## Front Panel

### SRP521W Front Panel



### SRP526W and SRP527W Front Panel



## Front Panel Lights

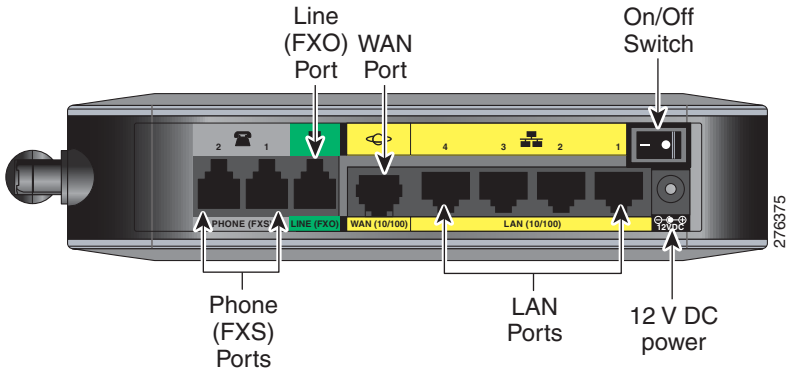
The following table describes the lights on the front panel of the SRP. These lights are used for monitoring system activity.

Lights (Green)	Description
POWER/SYS	Lights when the SRP has successfully booted and is ready to use. Flashes when the SRP is booting.
LAN ports (1–4)	Lights when a link is established. Flashes when there is activity on the LAN port.
WAN port (SRP 521W only)	Lights when a link established. Flashes when there is activity on the WAN port.
Phone (FXS) ports (1–2)	Lights when the port is connected to a phone or fax machine and the SRP is able to make and receive calls. Flashes when a call is in progress on the port.
DSL CD	Flashes when a DSL service is detected. Lights solid green when synchronized.
DSL Data (SRP 526W/527W only)	Flashes when there is DSL activity on the line.
WLAN	Lights when the radio is powered on and operational. Flashes when there is wireless activity on the WLAN port.
USB port	Lights when the connected USB device is operational. Flashes if there is a device failure or unsupported device.
WPS button	Lights when WiFi Protected Setup (WPS) is operational.  A slow green flash indicates that the setup is in progress. A fast green flash indicates a setup error.

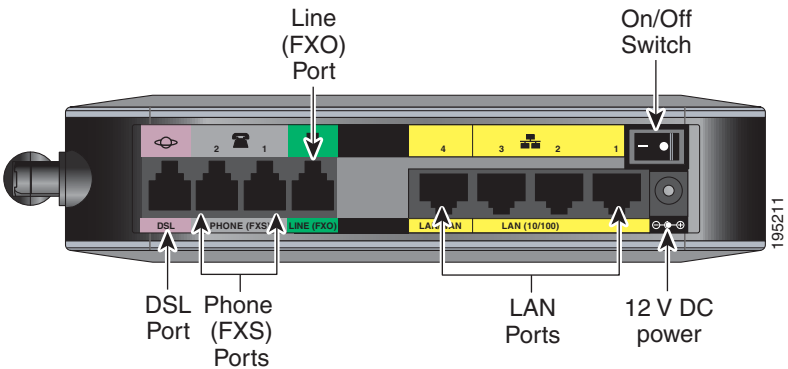
## Back Panel

The back panel is where you connect the network devices. The ports on the panel vary depending on the model.

## SRP521W Back Panel



## SRP526W and SRP527W Back Panel

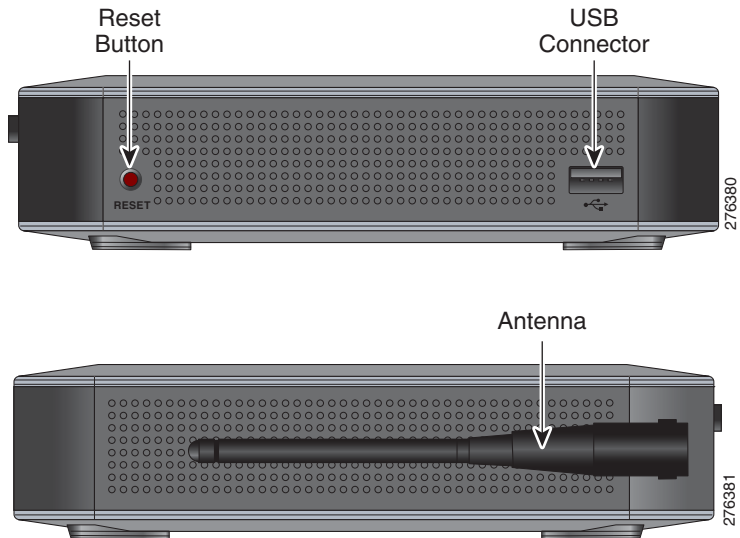


## Back Panel Descriptions

Feature	Description
DSL port SRP526/SRP527W only	Connects the SRP to your DSL connection.
Phone (FXS) ports (1–2)	Connect directly to an analog telephone, fax machine, or similar device.  If your analog phone requires a separate bell line (as might be the case in the United Kingdom), you might need to connect a ring adapter between the SRP and your phone so that the phone rings when calls are presented.
Line (FXO) port	Connects to a PSTN, which is the analog telephone service network that a traditional telephone service uses.

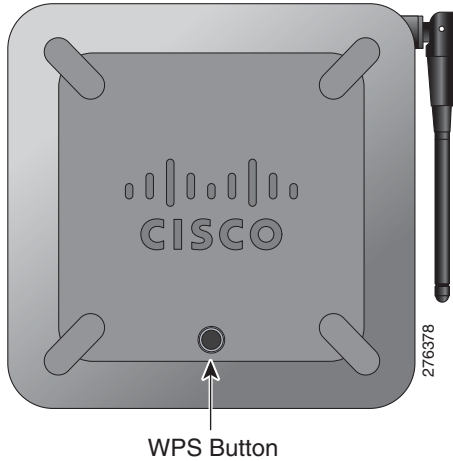
WAN (10/100) port SRP521W only	Connects the SRP to your Wide-Area-Network (WAN).
LAN (10/100) ports (1-4)	Connects to a wired computer and other network devices.
On/Off Switch	Powers the SRP on or off.
12 V DC power	Connects to the provided power adapter.

## Side View



Feature	Description
Reset button	<p>Press and hold for 5 seconds to reset the SRP. Press and hold for 10 seconds to reset the SRP to its factory defaults.</p> <p>To press the button, insert a paper clip or similar object into the opening.</p> <p><b>CAUTION</b> Resetting the unit will delete all user settings.</p>
USB port	<p>Connects to a compatible USB Modem. See <a href="#">Installing a Mobile Broadband USB Modem (Optional)</a>, page 12.</p>
Antenna	The WiFi antenna.

## Top View



Feature	Description
WPS Button	<p>Use to automatically configure wireless security for devices that support WiFi Protected Setup (WPS).</p> <p>To configure WPS, press and hold this button until the WPS light flashes. Make sure that the device is located near the SRP during setup.</p>

## 3 Installing the SRP500 Services Ready Platforms

You can install the SRP on a desktop or other flat horizontal surface or mount it on a wall.

**NOTE** The SRP has an adjustable WiFi antenna located on the side panel of the unit.

### Placement Tips

Make sure that you install the SRP in a location that meets these environmental conditions:

- **Storage Temperature** (sea level) -22° F to 140° F (-30° C to +60° C)
- **Operating Temperature** (sea level) 32° F to 104° F (0° C to 40° C)
- **Relative Humidity** (sea level) 5 to 95% RH (non-condensing)



**CAUTION**

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Do not stack or place anything on top of the SRP, or install it on a hot surface.

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## Desk Placement

To mount the SRP on a desktop, place the device horizontally on a flat surface so it sits on its four rubber feet.

## Wall Mounting

**NOTE** Position the SRP so that the back panel faces upward to reduce strain on the cable connections.

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**STEP 1** Secure two number-six pan-head tapping screws, 3/4-inch (19 mm) in length, 150 mm apart into a wall for horizontal orientation or 108 mm for vertical orientation, with the space between the underside of each screw head and the surface of the wall equal to 5/32 inch (4mm).

**CAUTION**

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For drywall installation, secure the screws by using two hollow-wall anchors (1/8 inch with 5/16-inch drill bit, or M3 with 8-mm drill bit). Without proper anchoring, the strain of the network cable connections could pull the SRP from the wall.

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**STEP 2** Locate the mounting screw slots on the bottom of the SRP, and then hang it on the screws.

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# 4

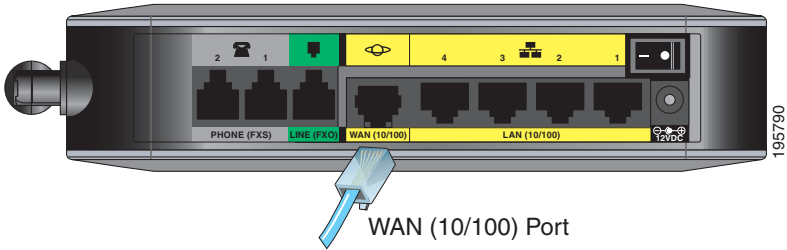
## Connecting the Equipment

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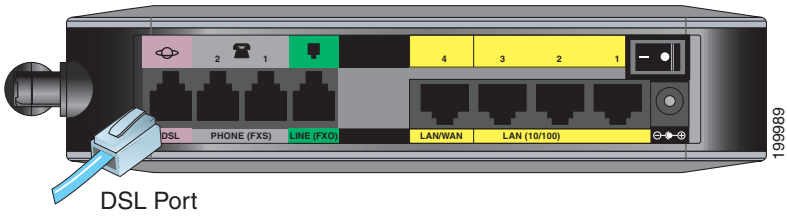
**STEP 1** For Ethernet WAN connections, connect one end of the Ethernet cable to your Internet access device (typically a modem), and connect the other end of the cable to the WAN port.

For ADSL connections, connect your DSL cable directly to the DSL port on your SRP526W or SRP527W. Make sure that you use an ADSL splitter, if required by your Service Provider.

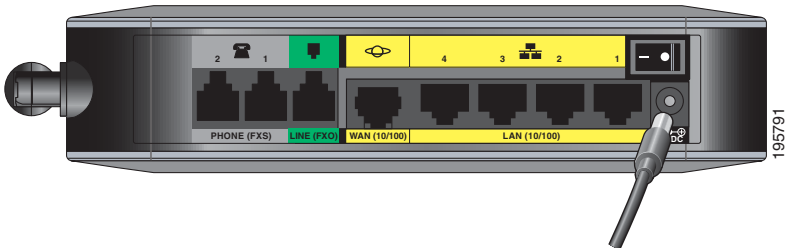
## SRP521W WAN Connection



## SRP526W / SRP527W ADSL Connection



- STEP 2** Connect wired computers and other network devices to the LAN ports (1–4).
- STEP 3** (Optional) Connect an analog telephone, fax machine, or similar device to the Phone (FXS) ports. Then connect the Line (FXO) port to the telephone line on your phone jack.
- STEP 4** Install the supplied AC power plug or clip (for your area) into the power adapter.
- NOTE** Only use the power adapter that was provided with the unit.
- STEP 5** Connect the power adapter to the 12 VDC port on your SRP.



**STEP 6** Insert the AC power plug into an electrical outlet.

**STEP 7** Orient the antenna to the vertical position.

**STEP 8** Press the On/Off switch to the on position.

The POWER/SYS light on the front panel flashes green while the SRP boots. After booting, the light turns solid green.

The hardware installation is now complete.

## 5 Verifying the Hardware Installation

To verify the hardware installation, complete these tasks:

- Check the cable connections.
- Check the lights, as described in **Front Panel Lights, page 5**. Verify that the POWER/SYS light is solid green.

If you encounter problems, go to the Cisco Small Business Support Community website at [www.cisco.com/go/smallbizsupport](http://www.cisco.com/go/smallbizsupport). For technical documentation and other links, see **Where to Go From Here, page 13**.

## 6 Getting Started with the Configuration

After you install the SRP, configure it by using the Setup Wizard.

Before you get started, verify that your computer meets the software requirements as specified in **Before You Begin, page 2**.

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**STEP 1** Configure your computer to use DHCP for its LAN connection.

Using an Ethernet cable, connect your computer to an available LAN port (1-4) on the SRP. Your computer will automatically obtain an IP address in the 192.168.15.x range.

**STEP 2** Start a web browser.

In the Address bar, enter the default IP address:  
**http://192.168.15.1**

**STEP 3** When the login page appears, enter the username and password.

The default username is **cisco**.

The default password is **cisco**.

**NOTE** Passwords are case sensitive.

**STEP 4** Click **Log In**.

The browser displays the first page of the Setup Wizard.

- STEP 5** Follow the on-screen prompts to complete the initial configuration.  
The installation is complete.
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## **7** Installing a Mobile Broadband USB Modem (Optional)

Optionally, you can connect a Mobile Broadband USB Modem to your SRP. Before installing it, make sure that your modem is compatible.

To view a current list of compatible modems, see [www.cisco.com/go/srp500](http://www.cisco.com/go/srp500), and click Reference Guides.

**NOTE** Mobile Broadband USB Modems are for data services only.

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- STEP 1** Make sure your modem is activated with a data service, and verify that it can be used on your computer.

- STEP 2** Connect the modem into the USB port on your SRP.

The modem is fully operational when the USB light turns solid green.

To check the modem status and modify the settings for the mobile network, connection recovery, and failover settings, refer to its product documentation.

For more information, see the Cisco SRP500 Series Services Ready Platforms Administration Guide (SRP520 Models) at: [www.cisco.com/go/srp500](http://www.cisco.com/go/srp500).

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## 8

## Where to Go From Here

Support	
Cisco Small Business Support Community	<a href="http://www.cisco.com/go/smallbizsupport">www.cisco.com/go/smallbizsupport</a> For information about the SRP, click Small Business Routers from the Community page.
Online Technical Support and Documentation (Login required)	<a href="http://www.cisco.com/support">www.cisco.com/support</a>
Phone Support Contacts	<a href="http://www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html">www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html</a>
Firmware Upgrade (click the Download Software link)	<a href="http://www.cisco.com/go/srp500">www.cisco.com/go/srp500</a>
Product Documentation	
Cisco SRP500 Series Services Ready Platforms for Small Business	<a href="http://www.cisco.com/go/srp500">www.cisco.com/go/srp500</a>
Cisco Small Business	
Cisco Partner Central for Small Business (Partner Login Required)	<a href="http://www.cisco.com/web/partners/sell/smb">www.cisco.com/web/partners/sell/smb</a>
Cisco Small Business Home	<a href="http://www.cisco.com/smb">www.cisco.com/smb</a>
Marketplace	<a href="http://www.cisco.com/go/marketplace">www.cisco.com/go/marketplace</a>





## Americas Headquarters

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA

[www.cisco.com](http://www.cisco.com)

Small Business Support US: 1-866-606-1866 (Toll Free, 24/7)

Small Business Support, Global: [www.cisco.com/go/sbsc](http://www.cisco.com/go/sbsc)



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