



Quick Start Guide



Cisco SRP500 Series Services Ready Platforms (SRP520-U Models)

Package Contents

- Cisco SRP520-U 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.

The SRP520-U Series are flexible devices that enable small businesses to connect to high quality data, hosted voice, and security services offered by service providers.

This guide describes how to physically install the SRP and perform the initial configuration.

1 Before You Begin

Minimum Requirements

- Computer running Microsoft Internet Explorer 7.0 or later, or Mozilla Firefox 3.6. or later.
- 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.

Default Settings

These are the default settings used when configuring your SRP for the first time. See [Getting Started with Device Configuration, page 12](#).

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

NOTE If you obtained your SRP from your Service Provider, you may not have access to the Administrator account. If this is the case, please contact your Service Provider for more information.

2 Getting to Know the Cisco SRP520-U Series Services Ready Platforms

Model Numbers

Model	Description
SRP521W-U	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, 802.11b/g/n, and WiFi Protected Setup (WPS)
SRP526W-U	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, 802.11b/g/n, and WiFi Protected Setup (WPS)
SRP527W-U	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, 802.11b/g/n, and WiFi Protected Setup (WPS)

Front Panel

SRP521W-U Front Panel



SRP526W-U and SRP527W-U 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.

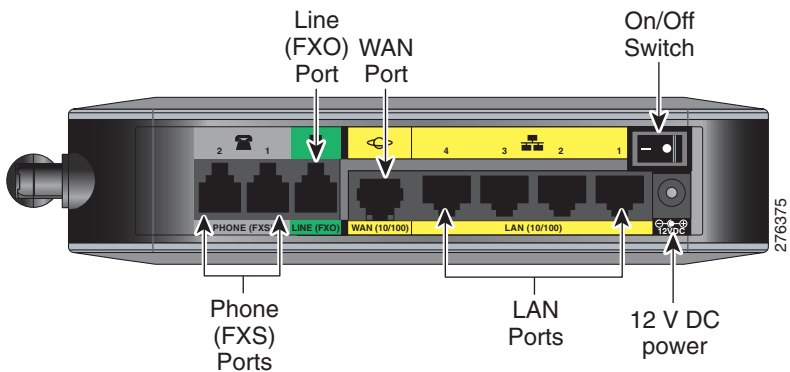
Lights	Description
POWER/SYS	Solid green when the SRP has successfully booted and is ready to use. Flashes green when the SRP is booting.
LAN ports (1–4)	Solid green when a link is established. Flashes green when there is activity on the LAN port.
WAN port (SRP521W-U only)	Solid green when an Ethernet link is established. Flashes green when there is activity on the WAN port.
Phone (FXS) ports (1–2)	Solid green when the port is connected to a phone or fax machine and the SRP is able to make and receive calls. Flashes green when a call is in progress on the port.
DSL CD (SRP526W-U/527W-U)	Flashes green when a DSL service is detected. Lights solid green when synchronized.

DSL Data	Flashes green when there is DSL activity on the line.
WLAN	Solid green when the radio is powered on and operational. Flashes green when there is wireless activity on the WLAN port.
USB port	Solid green when the connected USB device is operational. Flashes green if there is a device failure or unsupported device.
WPS	Solid green 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.

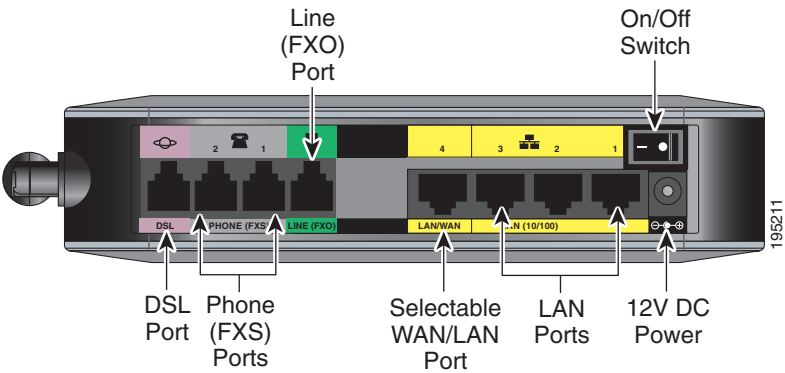
Back Panel

Network devices are connected to the back panel. The ports on the panel vary depending on the model.

SRP521W-U Back Panel



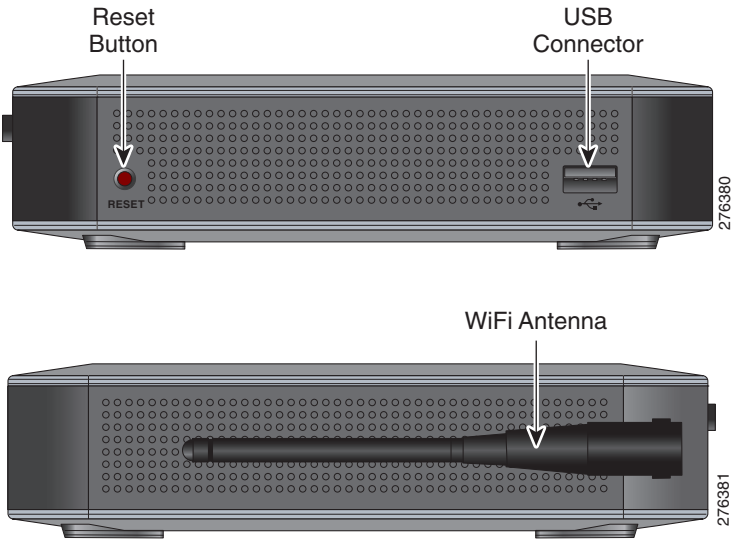
SRP526W-U and SRP527W-U Back Panel



Back Panel Descriptions

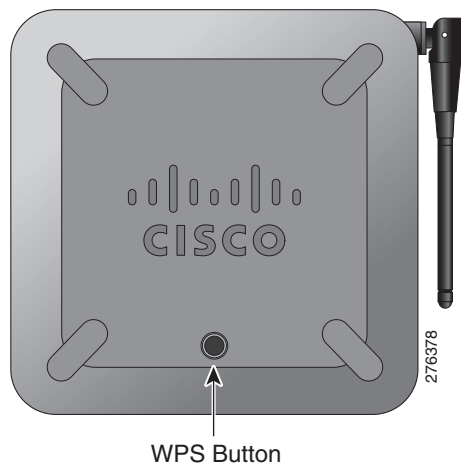
Feature	Description
DSL port SRP526W-U/SRP527W-U only	Connect to a DSL connection.
Phone (FXS) ports (1–2)	Connect directly to an analog telephone, fax machine, or similar device. If your analog phone requires a separate bell line, you may need to connect a ring adapter between the SRP and your phone so that the phone rings when calls are presented.
Line (FXO) port	Connect to an analog phone line.
WAN (10/100) port SRP526W-U only	Connect to an Ethernet broadband Internet connection.
LAN (10/100) ports (1–4)	Connect to a wired computer and other network devices.
Selectable WAN/LAN (10/100) port	Port can be used as a WAN Ethernet port if the ADSL interface is disabled. By default the ADSL port is enabled, allowing this port to be used for LAN connectivity. See the SRP500 Administration Guide for further information.
On/Off Switch	Powers the SRP on or off.
12V DC power	Connect to the provided power adapter.

Side View



Feature	Description
Reset button	Press and hold for 5 seconds to reset the SRP. Press and hold for 10 seconds to reset the SRP to its factory defaults. To press the button, insert a paper clip or similar object into the opening. CAUTION This will reset the device to its factory default settings.
USB port	Connect to a compatible USB Modem. See Installing a Mobile Broadband USB Modem (Optional), page 13.
WiFi Antenna	Adjustable WiFi antenna.

Top View



Feature	Description
WPS Button	Use to automatically configure wireless security for devices that support WiFi Protected Setup (WPS). 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.

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.

The SRP has an adjustable WiFi antenna located on the side panel of the unit. If used on a desktop, orient the antenna straight up. If wall mounted, orient the antenna perpendicular to the floor.

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

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

Desk Placement

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

Wall Mounting

When mounting the SRP horizontally, position it so that the back panel faces upward. This reduces strain on the cable connections. When mounting it vertically, position the SRP so the USB ports face downward.

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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

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.

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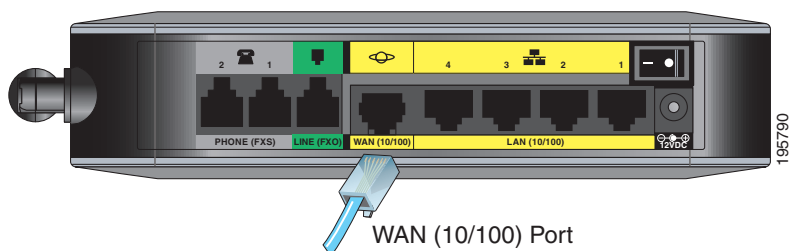
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Connecting the Equipment

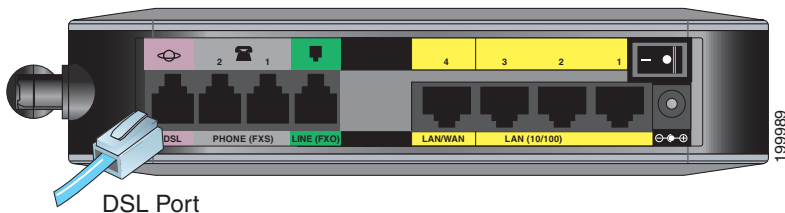
STEP 1 For Ethernet WAN connections, connect one end of the Ethernet cable to your Internet access device (typically a modem), and connect the other end of the cable to the WAN port.

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

SRP521W-U Ethernet WAN Connections



SRP526W-U / SRP527W-U ADSL Connections

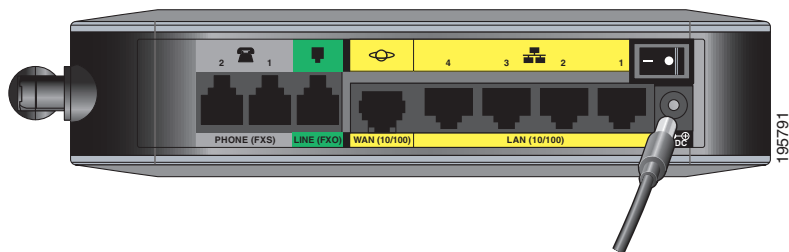


STEP 2 Connect wired computers and other network devices to the LAN ports (1–4).

STEP 3 (Optional) Connect an analog telephone, fax machine, or similar device to the Phone (FXS) ports. Then connect the Line (FXO) ports to the telephone line wall socket port(s).

STEP 4 Connect the plug adaptor provided for your region to the power supply. Only use the power adapter that was provided with the unit.

STEP 5 Connect the power adapter to the 12V DC port on your SRP.



STEP 6 Connect the AC power plug into an electrical outlet.

STEP 7 Orient the antenna vertically.

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 4**. 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. For technical documentation and other links, see **Where to Go From Here, page 14**.

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Getting Started with Device Configuration

To log in to the Services Ready Platform Configuration Utility, follow these steps:

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 Open your 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 (case sensitive).

The default username is **admin**.

The default password is **admin**.

NOTE If your SRP was provided by a service provider, they will provide you with the appropriate login credentials.

STEP 4 After you log in, the Services Ready Platform Configuration Utility opens.

STEP 5 From the Main menu, choose **Quick Setup > Basic Configuration Setup** to configure the WAN, LAN, Wireless, and Remote Provisioning settings for your SRP.

For detailed configuration information, click the Help link from the configuration utility, or see the Cisco SRP500 Series Services Ready Platforms Administration Guide at:

www.cisco.com/go/srp500resources.

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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. See the Mobile Broadband USB Modem Compatibility Matrix at: www.cisco.com/go/srp500resources.

NOTE Mobile Broadband USB Modems are for data services only.

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

STEP 2 Connect the modem to 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.

8 Where to Go From Here

Support

Cisco Small Business Support Community	www.cisco.com/go/smallbizsupport For information about the SRP, click Small Business Routers from the Community page.
Online Technical Support and Documentation (Login Required)	www.cisco.com/support
Cisco Small Business Support and Resources	www.cisco.com/go/smallbizhelp
Phone Support Contacts	www.cisco.com/go/sbcs

Software

Software Downloads (Login Required)	www.cisco.com/go/srp500 Click the Download Software link.
Open Source Documentation	www.cisco.com/en/US/products/ps10500/prod_release_notes_list.html

Product Documentation

Cisco Services Ready Platform 500 Series for Small Business	www.cisco.com/go/srp500resources
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Cisco Small Business

Cisco Partner Central for Small Business (Partner Login Required)	www.cisco.com/web/partners/sell/smb
Cisco Small Business Home	www.cisco.com/smb
Marketplace	www.cisco.com/go/marketplace

Americas Headquarters

Cisco Systems, Inc.
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San Jose, CA 95134-1706
USA

www.cisco.com

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

Small Business Support, Global: www.cisco.com/go/sbssc



78-19239-03

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