

# Access Point AP-500AC Setup Guide

Thank you for purchasing the Access Point AP-500AC.  
AP-500AC is a wireless Access Point that supports IEEE 802.11a/b/g/n/ac and 2.4GHz/5.0GHz concurrent wireless connectivity. It can be used as a base station that connects wireless client devices.  
In addition to advanced wireless connectivity, enterprise-level wireless security and power supply via PoE (Power over Ethernet) are supported.  
This Setup Guide explains how to configure and use AP-500AC in a wireless network.

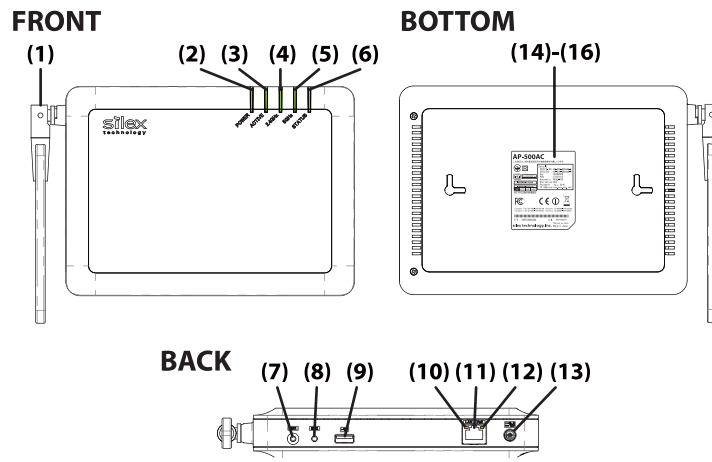


## Package Contents

Following items are bundled with AP-500AC.

- AP-500AC
- AC adaptor
- Warranty booklet
- Setup Guide (this document)
- GPL license notice

## Parts and Function



(1) Wireless LAN Antenna	Wireless antenna for wireless communication
(2) Power LED	ON(Green): Powered on BLINK(Red): USB storage error BLINK Rapidly(Red): USB over current
(3) ACTIVE LED	ON(Green): Ready BLINK(Green): Powering on BLINK(Orange): Running in Configuration Mode BLINK(Red): Configuration Mode error
(4) 2.4GHz LED	ON(Green): One or more 2.4GHz wireless interfaces are active OFF: 2.4GHz wireless interface is not active
(5) 5GHz LED	ON(Green): One or more 5GHz wireless interfaces are active OFF: 5GHz wireless interface is not active
(6) STATUS LED	ON(Green): DFS is running (Communication is disabled then) BLINK(Green): Smart Wireless Setup is in progress ON(Green): Smart Wireless Setup is completed (* Turns off in 3 mins) ON(Red): Smart Wireless Setup failed (* Turns off in 3 mins)
(7) Push Switch (SW1)	When pressed together with the one on your wireless device while AP-500AC is active, wireless configuration can be performed. (Smart Wireless Setup)
(8) Push Switch (SW2)	Start in Configuration Mode: Press and hold this switch for 3 sec or more while AP-500AC is active. Factory default configuration: Press and hold this switch while turning on AP-500AC. Release the switch in 2 sec or more after Link LED and Status LED turn on.
(9) USB Port	Connect a USB cable (A-type connector).
(10) Status LED(Yellow)	Blinks while communicating in a wired LAN.
(11) Network Port	Connect a network cable.
(12) Link LED (Green)	Turns on when connected to a wired LAN.
(13) AC Connector	Connect an AC adaptor.
(14) Label (containing default values)	
SSID (2.4GHz/5GHz)	SSID of 2.4GHz/5GHz (default value)
Key	Network key (default value)
PIN Code	PIN code (default value)
Authentic	Authentication mode (default value)
Encryption	Encryption mode (default value)
Password	Login password (default value)
IP Address	IP Address (default value)
(15) E/A	Ethernet Address
(16) S/N	Serial Number

## Configuration Method

AP-500AC can be configured from the embedded Web configuration interface. It can be accessed by following methods:

- (1) Using wired network connection (See Step1)
- (2) Using Configuration Mode (See Step1)
- (3) Using wireless network connection (See User's Manual)
- (4) Using Smart Wireless Setup (See User's Manual)

## Necessary Items

Following items are required.

- Network Cable
- PC to use for configuration
- Notes on Use of Antenna (Download from our homepage)
- User's Manual (Download from our homepage)

## Downloading User's Manual

User's Manual and Notes on Use of Antenna can be downloaded from our homepage. Access the below URL to download.

**USA :** <http://www.silexamerica.com/>  
**Europe :** <http://www.silexeurope.com/>

After accessing above URL, go to the support page and download the necessary documents.

## Step1 Accessing Web Configuration Interface

### Using Wired Network Connection

Configure AP-500AC by connecting it to a wired network. It is OK to connect two or more AP-500AC units to configure.

- 1** Check the IP Address of AP-500AC. The default IP Address can be found on the bottom label of AP-500AC.
- 2** Connect the PC (to use for configuration) and Ethernet Hub using a network cable. (1)
- 3** Connect AP-500AC and Ethernet Hub using a network cable. (2)
- 4** Connect the AC adaptor to AP-500AC (3) and the AC adaptor's plug to an electrical outlet (4).

\* When receiving power over Ethernet (PoE), the AC adaptor does not need to be connected. Make sure that the PoE supported HUB or PoE power supply unit is used then.  
\* To connect two or more AC-500AP units, repeat the process at 1 - 4.

- 5** Change the network settings of the PC to allow accessing AP-500AC.
- 6** Start a Web browser (Internet Explorer, Google Chrome, etc.) on the PC, enter the IP address of AP-500AC in the address bar and press the **ENTER** key.
- 7** The login menu window is displayed. Enter the password and click **Login** to login to the Web page.

Example:  
In case the IP Address of AP-500AC is 10.0.17.34, change the network settings of your PC to the following:  
- IP Address : 10.1.2.3  
- Subnet Mask : 255.0.0.0

\* Please be sure to set a unique address to your PC, that is not used by AP-500AC.  
By default, AX-500AP has an IP Address of "10.xxx.xxx.xxx".

\* By using the device search utility "AMC Finder" that can be downloaded from our homepage, it is possible to show all AP-500AC units as a list and access the Web configuration interface of each. For how to install and use AMC Finder, refer to the User's Manual.

\* By default, no password is set to AP-500AC. Just click **Login** then.

## Using Configuration Mode

\* Configure AP-500AC by directly connecting it to the PC.

- 1** If a wireless interface is enabled on the PC (to use for configuration), please disable it temporarily.
- 2** Connect AP-500AC and the PC using a network cable. (1)
- 3** Connect the AC adaptor to AP-500AC (2), and the AC adaptor's plug to an electrical outlet (3).

\* If a wireless interface is enabled on the PC, the Web configuration interface may not be displayed.

Go on to Step2 on back

Go on to Step4 on back

