Manuals+ — User Manuals Simplified.

Silex Technology AP-200AC Wireless LAN Access Point User Manual

Silex Technology AP-200AC Wireless LAN Access Point User Manual

Contents
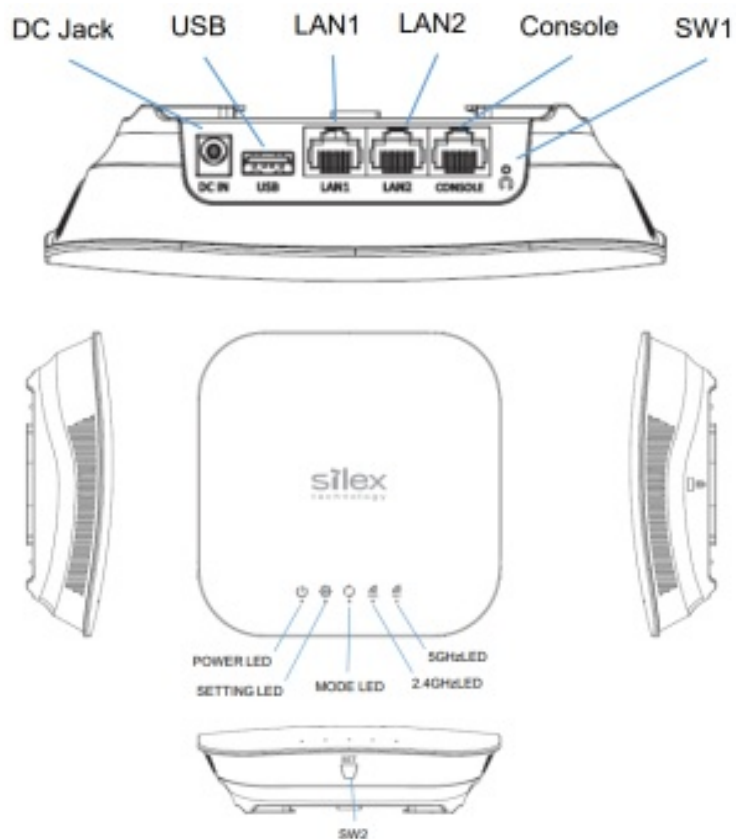
Product Overview

This product is Wireless LAN Access Point corresponding to PoE(Power Over Ethernet) and I

Function

POWER LED	Light on : Power ON Light flashing : Startup in progress
SETTING LED	Light on : Smart wireless setting successful (lights off after 3 minutes) Light flashing : Smart Wireless Configuration in progress
MODE LED	Light on : Operating in WDS repeater mode
2.4GHz LED	Light flashing : Sending/receiving 2.4GHz wireless packets
5GHz LED	Light flashing : Sending/receiving 5GHz wireless packets
Push SW1	Smart wireless setting
Push SW2	Initialization & setting mode
Wired LAN	RJ45 connection
USB	Type A
DC Input	DC Jack

Setup

1. Connect the LAN1 or LAN2 port of the AP to the PC to be configured with a LAN cable.
2. Turn on the power and wait until the Power LED changes from flashing to on.
3. Press SW2 for more than 3 seconds to enter setting mode.
4. Access the configuration page of the product with a web browser. (ex) If the IP address of your PC is 192.168.0.1, enter "http://192.168.0.100" in the URL of your web browser.
5. Set a password and login to the web page
6. After making the necessary settings and updating the configuration, reboot the product.

Basic Settings

IP Address	10.x.x.x (Converts the last three digits of MAC addresses to decimal notation.
Subnet Mask	255.0.0.0
Default Gateway	0.0.0.0
WLAN Mode(2.4GHz)	IEEE 802.11b/g/n, HT20, 11ch
WLAN Mode(5GHz)	IEEE 802.11ac, VHT20, 36ch
SSID(2.4GHz)	2SXxxxxxx Last 3 digits of MAC address
SSID(5GHz)	5SXxxxxxx Last 3 digits of MAC address

Specification

Product name	AP-200AC
Wired LAN	RJ45 x 2port 10Base-T/100Base-TX/1000Base-T(AutoMDI/MDIX)
PoE	IEEE802.3af (LAN1 supported)
Wireless LAN(2.4GHz)	IEEE802.11 b/g/n (2×2)
Wireless LAN(5GHz)	IEEE802.11 a/n/ac (2×2)
USB	USB 2.0 (HighSpeed/FullSpeed/LowSpeed)

Operating environment	Temperature 0 40℃ Humidity 20 80%RH (non condersing)
Strorage environment	Temperature -10 50℃ Humidity 20 90%RH (non condersing)
Power	DC12V
LED	Green x 5
Size	W:160mm ×D:160mm×H:42mm(Not including protrusions)
Standards	VCCI Class-B FCC part15 SubPartB Class-B ICES-003 Class B EU RoHS

FCC Compliance Statement

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference undesired operation.

FCC Rlues Part 15
FCC CAUTION
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Rules Part 15 Sub Part B§15.105(b)

Note: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Rlues Part 15 SubPart E§15.407(c)

Compliance with FCC requirement 15.407(c). Data transmission is always initiated by software, which is the passed down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets are initiated by the MAC. These are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the and can radiate radio frequency energy and, if not installed and used in accordance with the instruction packet. Therefore, the transmitter will be on only while one of the aforementioned packets is being transmitted. In other words, this device automatically discontinue transmission in case of either absence of information to transmit or operational failure.

FCC Rlues Part 15 SubPart E§15.407(g)
Frequency Tolerance +/-20 ppm

FCC Rlues Part 15 SubPart C§15.247 / SubPart E
This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body.

Innovation, Science and Economic Development Canada(ISED) Equipment Standard for Digital Equipment (ICES) –Canada

This Class B digital apparatus complies with Canadian ICES-003. CAN ICES-3 (B)/NMB-3(B)

Innovation, Science and Economic Development (ISED) – Canada

This device complies with ISED license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Innovation, Science and Economic Development Canada(ISED) regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Innovation, Science and Economic Development Canada(ISED). To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This device is for indoor use only when operated in the frequency band 5150 ~5250 MHz

Caution

User should also be advised that:

1. the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
2. the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall

comply with the e.i.r.p. limit; and

3. the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit; and the maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate. High-power radars are allocated as primary users (i.e. priority users) of the bands 5250 5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Innovation, Science and Economic Development Canada(ISED) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized. This device has also been evaluated and shown compliant with the IC RF Exposure limits under mobile exposure conditions. (antennas are greater than 20 cm from a person's body).

Documents / Resources

[Silex Technology AP-200AC Wireless LAN Access Point](#) [pdf] User Manual
AP200AC, N6C-AP200AC, N6CAP200AC, AP-200AC Wireless LAN Access Point, Wireless LAN Access Point, LAN Access Point, Access Point