AP User Manual

1. Package Contents

Wireless Access Point

Waterproof Head

Hose Damp

Bracket

Antenna (Selectable)

Quick Installation Guide
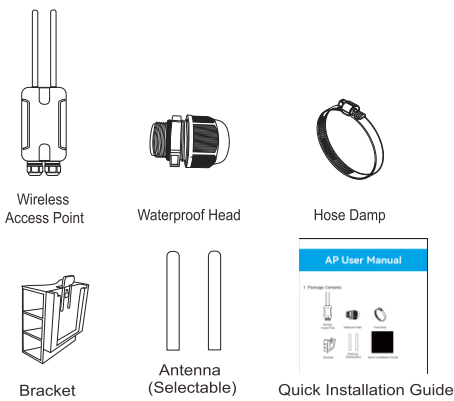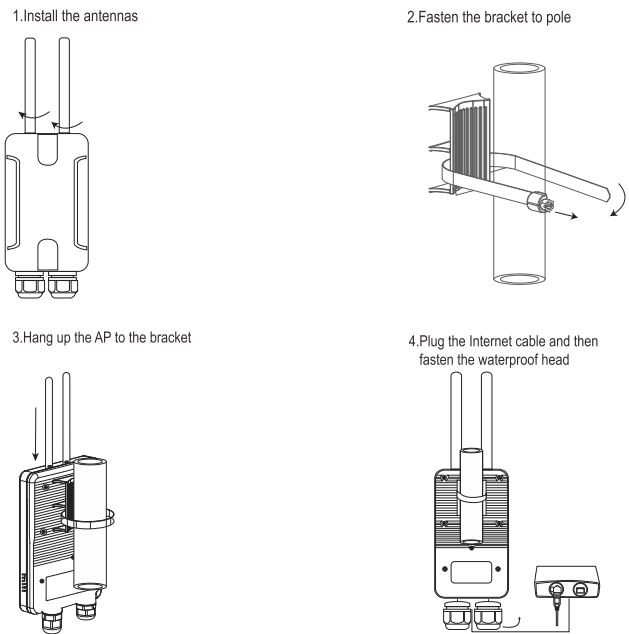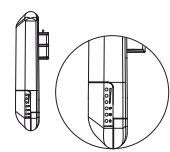
2.Indication Light

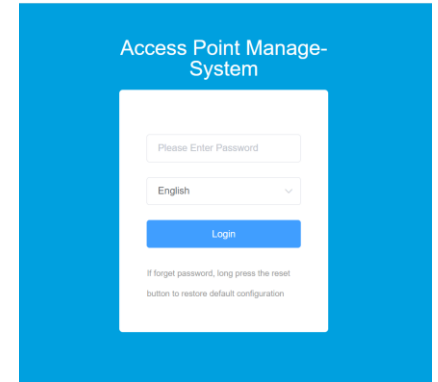| LED	Description
⏻	Light On: Power On
ETH	Light On: Wired Intertenet Connected
	Light Blink: Wired Data in Transmittion
SFP	Light On: Optical Signal Received
	Light Blink: Optical Data in Transmittion
Signal Strength	AP Mode　WiFi Signal Indication Light
	One Light On: 25%
	Two Lights On: 50%
	Three Lights On: 100%
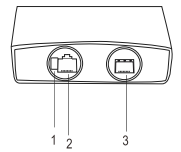
Number	Description
1	Reset (Press and hold the button for 6s, reset to the factory default settings.)
2	Ethernet port (PoE 48V supply)
3	1.25Gbps SFP port (original equipped,can operate under the temperature more than 85℃, industrial grade SFP port is recommended.)
Signal Strength	Client Mode　WiFi Signal Indication Light
	One Light On: -94dBm
	Two Lights On: -77dBm
	Three Lights On: -65dBm

3.Installation Steps

1.Install the antennas

2.Fasten the bracket to pole

3.Hang up the AP to the bracket

4.Plug the Internet cable and then fasten the waterproof head

AP based on Qualcomm factory SDK in-depth development, fat and thin, plug and play, designed for wireless engineering It integrates seamless roaming, load balancing, IPV6, multi-radio configuration, watchdog, automatic restart, channel optimization, and other functions. The AP is based on Qualcomm's factory SDK.

1, Login AP system

AP management page login default IP address: 192.168.1.2. Web login password: admin.

Access Point Manage-System

Please Enter Password

English

Login

If forget password, long press the reset button to restore default configuration

The default home page after login displays the main status information of the AP system, such as version status, system status status, LAN port status, wifi status .... The status information allows managers to determine the operation of the AP The default home page displays the AP system status information such as version status, system status, LAN port status, and wifi status.
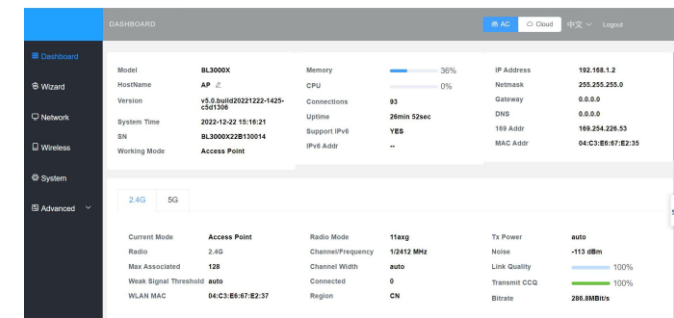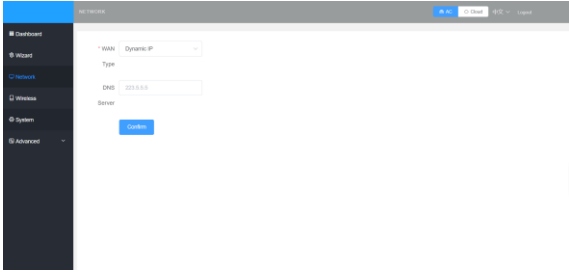

2, Configuration Wizard

2.1 Wireless Access AP
This mode is a thin AP mode, covering AP, high-density wireless access dedicated mode for cell phones, computer and other terminals wireless connection communication.

2.2 Home routing mode
Wired as WAN (external network) port, wireless as LAN (local area network) port, WAN port support PPPOE, fixed IP, auto-acquire
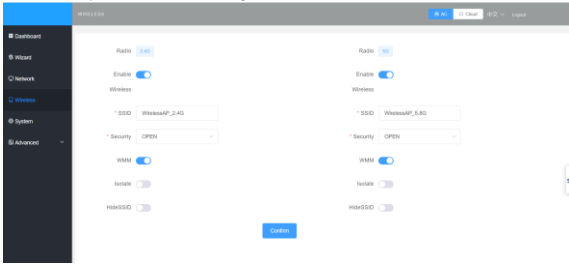
3, Network configuration

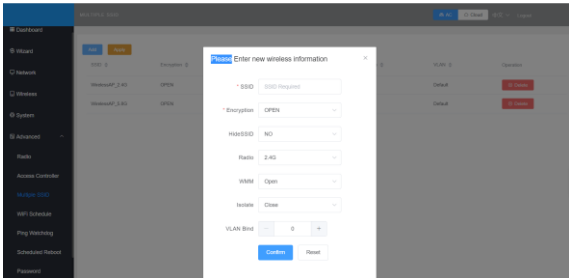The choice of Internet access method, automatic IP acquisition and static IP address.

4, Wireless configuration

2.4G and 5.8G RF modification, wireless function on and off, SSID, encryption mode and other parameters, modify and save as needed

5, System administration

5.1, System Upgrade: Local upgrade of the AP's software version
5.2, Device name: can be used to note the physical name of the device, such as the installation location
5.3, configuration backup: can backup the parameters saved by the current application
5.4, Configuration restore: 5.3 backup the parameter file, you can upload data to restore the configuration.
5.5, restore factory: the configuration of this device, restore to factory default.
5.6, Reboot the device: Reboot the device system.

6, Advanced Configuration

6.1: RF configuration
RF parameters modification for 2.4G and 5.8G, such as country code, channel, bandwidth, transmit power Maximum standby capacity limit.

6.2: Centralized Management
Automatically obtain or manually input AC address to realize centralized management of AP by AC.
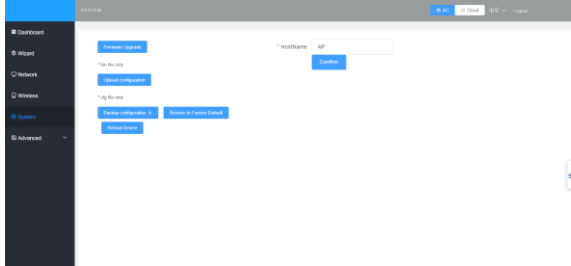
6.3: Multiple wireless configurations
Add multiple SSID configurations, 2.4G and 5.8G optional.

6.4: Timed switch
Self-defined, wifi function use time, such as only allow the weekend two days can be used.
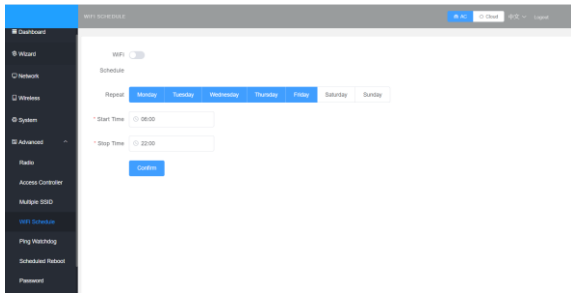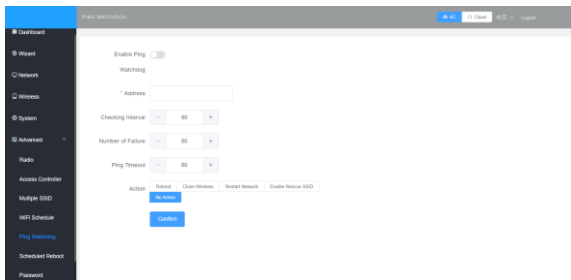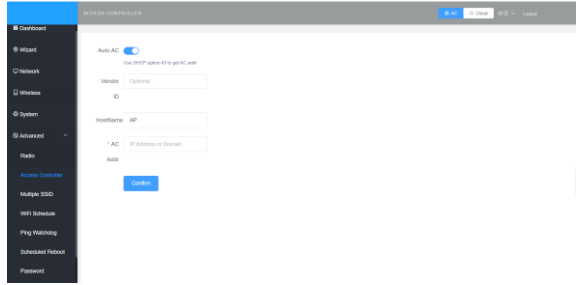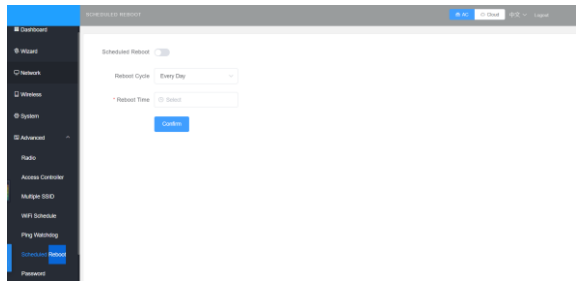
6.5: ping watchdog
Specify a ping packet address, real-time ping packet detection, if the ping does not work, start the watchdog detection Test actions: reboot the device, turn off the wireless, reboot the network, turn on the rescue SSID, etc.

6.6: Scheduled restarts
Define daily, weekly, and monthly restart times.

6.7: Change password
 Modify the password for web interface login
6.8: Time management
 Network time alignment and time zone selection for system time.
6.9: Diagnostic tools
 Ping packet specified address to detect whether the address is communicating or not.