

ALLNET Apollo On-Prem Hardware Controller / Management & Provisioning of AP's and Switches Apollo Series "ALL-AC100"

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EAN CODE



On-Premises Management Network Controller

For small businesses who need to manage access points and switches quickly and easily, requires no complicated installation—simply plug and play. The intuitive interface allows you to register, configure, and add devices to your network in just a few clicks.

Highlights:

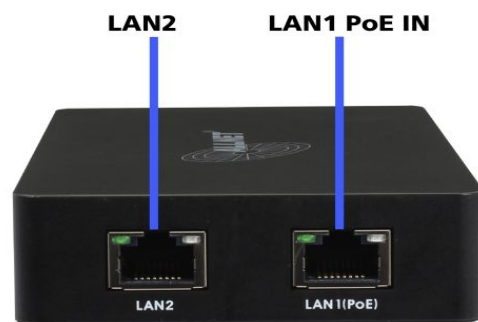
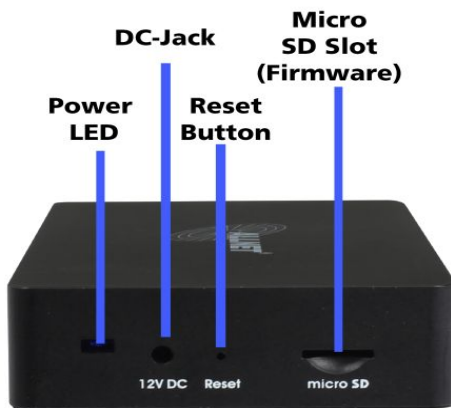
- Managed Access Point & Switch
- Single Interface to Control All Devices
- Organize your Network by Location or Floors
- Devices are Plug & Deploy, No Hassle Set Up
- Dashboard to See Network Status at a Glance
- Notifications / Alerts When Issues Happen
- Diagnostic Tools to Identify and Resolve Issues
- Device Configuration as Group or Individually
- Wi-Fi Client List, Traffic and Application Statistics
- Easily setup Captive Portals and Guest Networks
- Scheduled Auto-Firmware Update of Devices
- Topology Map of Installed Devices



Physical Interfaces:



Mouting Holes



Software Features

ALL-AC100 Controller

Dashboard
Manage Access Point / Switch
Status



Channel Utilization Online AP Online Switch AP Usage Switch Usage 2.4Ghz or 5Ghz Client Ration Number of Online Switch Number of Offline Switch Number of Online AP Number of Offline Switch Number of client device in 2.4 GHz radio Number of client device in 5 GHz radio
Throughput Client Traffic: Total, Download, Upload
Traffic Top Access Point Top Clients Top SSIDs Top Applications
Topology Show Label Redundant
Clients
Throughput Client Name Traffic : Total, Download, Upload Filter : Favorite, Time, SSID, OS, Client, Last Associate AP, IP Display, Client Name, MAC, Access, Last Seen, Last Asso. AP, SSID, IP, OS, Vendor, RSSI, Rate, Band Access Control Export
Configure SSID
Display SSID Radio Enabled Hidden Security Captive Portal Splash Page Bandwidth Limit Scheduling Application Analysis



Add SSID

Wireless

Name
Enabled
Hide
Radio
Security Type: WPA2-PSK/WPA3-PSK/WPA2-Enterprise/WPA3-Enterprise
802.11r
802.11w: All clients/Allow 11w-clients only
Client IP Mode: NAT Mode/Bridge Mode
Default VLAN
Dynamic Client VLAN Pooling
Enable Application Analysis

Advanced Setting

L2 Isolation
Band Steering: Type, RSSI Threshold, Client Percent
BCMC Suppression
Bandwidth Limit
Per Client: Download/Upload
Per SSID: Download/Upload
Recommendation: Application, Bandwidth
Captive Portal
Authentication Type: Click-through, EnGenius Authentication, Custom Radius, Voucher Service
Redirect URL:

- Redirect to the URL that the user was trying to visit
- Redirect users to a specified URL after login

Advanced Setting: Session Timeout/Idle Timeout/Walled Garden/HTTPS Login
Splash Page
Splash Page Type: External Splash Page URL/Local Splash Page
Schedule
Scheduling
Quick Template
Access Control
Block List
VIP List

Radio Setting

Indoor & Outdoor

Radio
Channel
Channel Width
Target Tx Power
Min. Bitrate
Client Limit
Discard 802.11a/b/g
Disable 11as
Background Scanning
Client Balancing
Mesh



Controller User
Radius Users Display Name Email Authorized SSID Create Date Status Add User Email Name Password SSID Authorization
Authorized SSIDs Display Name Email Authorized by Authorized Date De-authorize
Firmware Upgrade
AP Firmware Lists: Model, Firmware Version, Upload Date, Actions Maintenance Window Upload Upgrade Now
Switch Firmware Lists: Model, Firmware Version, Upload Date, Actions Maintenance Window Upload Upgrade Now
Alert Setting
AP Basic: AP go offline for event with severity Professional: Configuration changed within network
Switch Basic: AP go offline for event with severity Professional: <ul style="list-style-type: none">• Configuration changed within network• Switch Port link status change• Switch STP port status change• Switch LBD status change



VLAN Settings
Display VLAN ID Name Voice VLAN: Protocol, Bridge Priority LLDP
Voice VLAN Voice VLAN ID QoS Priority Mode OUIs: OUI Address, Description Quality of Service Trust Mode Scheduling Method Queue Mapping: CoS, DSCP IGMP Snooping: Version, VLANs Jumbo Frames: MTU Size

General Settings
Network Country, Time Zone Local Credential: Username, Password SNMP: SNMP State, Community
AP LED Light Syslog Server: Status, Log Server Address, Log Server Port Message for Blocked Client
Advanced Settings Presence Reporting: Server Location, Key, Interval Traffic Log Multicast to Unicast
Switch LED Light Syslog Server: Status, Log Server Address, Log Server Port
Access Control
Blocked List VIP List Analyze
Event Logs
Device Event Time Device Event Type Description / Detail



System Event Time Device Event Type Description / Detail
Config Log Time Device Event Type Description / Detail
Team Members
Display Name Email System Permissions Network Managed Status Last Login Action
Invite New Member User Email Networks Permission

Organization
Inventory
Devices Network Model Serial Number MAC Address Registered Time Registered By
Register Device Pending Approval: Serial Number, Model, MAC Manually: Serial Number
System Information
Usage CPU Memory Disk System Up Time



Software Version
Check for Update

Email Alerts

Mail Server

SMTP Server
SMTP Port
Authentication
User Name
Password
From Email Address
To Email Address
Subject

Backup & Restore

Configuration Backup

Name
Network
Time
Creator
Action

System Backup

Backup System Configuration
Restore System Configuration

Account Profile

Edit Profile
Password
Reset
Reboot
Two-Factor
Authentication
Notification Settings
Logout

Access Point

Display

Name
MAC address
Model Name
WAP IP
LAN IP
Client (2.4G/5G)



FW Version Network Uptime Last Update Mesh Mode Action: Detail/Reboot Throughput Channel Utilization Radio: 2.4GHz/5GHz, Unlock. Enabled, Channel, Target TX Power, Channel Width WLAN: SSID, Status Mesh: Don't allow this AP to join the Mesh network Location

Details

Device Information

Model Name Firmware Serial Number MAC Address Configuration IP Address Subnet Mask Gateway Topology LED Light LED Blinking 2.4 GHz Channel & TX Power 5 GHz Channel & TX Power
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Summary SSID Information

Unlock SSID Enabled Hidden Radio Security Captive Portal Clients in 5 mins (2.4GHz/5GHz)

Throughput

Client Traffic: Total, Download, Upload
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Radio

2.4GHz and 5GHz Unlock Enabled Channel



Target Tx Power Min. Bitrate Client Limit Channel Width Discard 11a/b/g Mesh:Don't allow this AP to join the Mesh network
IP Addressing
Static DHCP IPv4 Address Subnet Mask Gateway DNS Server 1 DNS Server 2 Management VLAN
Logs
ADD Filter
Time Event Type Description
Clients
Filter
Favorite Time SSID OS Client IP
List
Client Name MAC Access Last Seen SSID IP OS Vendor RSSI Rate Band Download
Access Control
VIP Block Normal



Export
CSV file

Switch

Display
Name MAC address Model Name WAP IP LAN IP Ports (Active/Total) FW Version Network Uptime Last Update Action: Detail/Reboot Port View: Speed, Disconnected, Disabled, PoE, Uplink, Blocked VLAN: Name, Tagged, Untagged Status: PoE, STP, IGMP Snooping, LLDP, QoS, Voice VLAN
Detail
Device Information
Model Name Firmware Serial Number MAC Address Configuration IP Address Subnet Mask Gateway Topology LED Light LED Blinking Voice VLAN Jumbo Frame IGMP Snooping STP LLDP QoS
Summary Ports
Speed Dsconnect Disabled



PoE Uplink Blocked
System Config.
Spanning Tree LLDP Voice VLAN QoS IGMP Snooping Jumbo Frame Local GUI Debug Log Upload

Ports
Port Label Enabled Voice VLAN Speed/Duplex PoE PVID Untagged VLAN Tagged VLAN Isolation Rate Limit (Tx/Rx) QoS
Configure
Enable Label Speed/Duplex VLAN: • PVID • Enabled Voice VLAN<br Isolation Rate Limit
VLAN
VLAN ID Name Tagged Untagged
Mirror
Session ID Session State Destination Port Egress



Ingress
PoE Schedule
PoE Scheduling per port
Link Aggregation
Trunk: ID Aggregation Type Active Port Member Ports

Technical Details:

	ALL-AC100
Main Chipset	Qualcomm ARM A53, 1GHz Dual-Core
Description	On-Premises Network Controller
SPI/NAND Flash Memory	eMMC 8GB
RAM	1GB DDR4
Interface	2x 1GbE LAN LAN1 PoE IN
Dimensions (W x D x H)	153x77x25mm
Operating Temperature	0°C to 40°C
Certificaton (Generic)	FCC CE

Accessories

Part No.	Name
211734	ALLNET Apollo Wireless AP WIFI6 • AX3000 • 2x2 • Indoor • 2.5 GbE • ALL-WAPC0522AX-3000 • Apollo
211736	ALLNET Apollo Wireless AP WIFI6 • AX5400 • 2x2:2; 4x4:4 • Indoor • 2.5 GbE • ALL-WAPC0544AX-5400 • Apollo
211739	ALLNET Apollo Wireless AP WIFI6 • AX3000 • 2x2 • Outdoor IP67 • 2.5 GbE • ALL-WAPC0522AXO-3000 • Apollo
186548	ALLNET PoE Injector Gigabit PoE & PoE+ (15,4W/30W) / plastic
209904	ALLNET Switch smart managed Layer2 10 Port • PoE Budget 140W • 8x PoE at • 2x SFP •



Part No.: 211733
Vendor Part No.: ALL-AC100

Part No.	Name
	19" • Fanless • ALL-SG8310v2PM
193997	ALLNET Switch full managed 8 port Gigabit 130W / 8x PoE+ /