MX-AC94A0-06
Management device based on CAPWAP protocol

Features

Discovery and Alerting
- Support a variety of detection and discovery methods to ensure that devices can be successfully launched and monitored in various network architectures
- Supports alarm information, and can formulate various custom fault warning rules such as reminders, pop-ups, and email notifications on the device fault homepage

Statistics and reporting
- Support statistics of various device information, such as online and offline devices, operation logs, etc.
-Deploy the network via an online map
- Support online map, display the location of the device and support editing. The offline map can also distribute secondary positioning for indoor scenes

Configuration and Maintenance
- Support device running status display, such as online, offline, configuring, and upgrading
- Support batch upgrade, which can be set to manual or automatic upgrade
- Support remote modification of device name, IP address, orientation information, wireless parameters and other personalized information
- Support authorization management. The number of devices supported by the system can be controlled by the number of authorizations

Intelligent retrieval and synchronization
- Support the retrieval of key information of the device, and query the target device conveniently and quickly
- Support NTP server, convenient for online devices to synchronize time

Specification

SERVER REQUIREMENTS	
CPU	Intel Celeron J1900 Quad Core Processor 2GHz
Memory	4GB
Storage	4GB
Physical Connectors	6x 10/100/1000M Base-TX 2x USB 1x Console
Size	430x300x44.5mm (1U)
Power Supply	AC 220V 75W
Operating Temperature	0℃~50℃
Working Humidity	5~95%RH (non-condensing)

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PERFORMANCE	
Number of Managed Devices	2048
Number of Templates Supported	1024
Number of Connected Users (STA)	65535

ACCESS MANAGEMENT	
Login IP Address	Support to change the IP address of the login page
Login Password	Support to change the password
Supported Languages	English, Simplified Chinese
Restriction of Visit	Any invalid url accessed by a logged-in user will be redirected to the login interface

INFORMATION SUMMARY	
Basic Information	
Platform Information Display	Platform name, software version, IP address, CPU/memory utilization, runtime, system time, etc.
Access Point Information Statistics	Total devices, online devices, offline devices
Client Information Statistics	Total devices, online devices, offline devices
Alarm Information Display	The main position on the homepage prompts the current number of new alarm logs, click to link to the alarm log; regular refresh

DEVICE MANAGEMENT	
Access Point Management	
State	Displays online, offline, unconfigured, upgrading, configuring, upgrade failed, configuration failed, etc.
Device Name	Displayed
Device Model	Displayed
IP Address	Displayed

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MAC Address	Displayed
Software Version	Displayed
Operation Hours	Displayed
Server Template Name	Displayed
Service Information	Support the following wireless data display
Working Channel	Displayed
Channel Bandwidth	Displayed
Transmit Power	Displayed
SSID	Displayed
Deployment Orientation	Displayed
Client List	Display online CPE. Support the following information display
Signal Strength	Display the received signal strength for this client
Connection Rate	Displays the sending and receiving rate with this client
Terminal List	Displays STA information connected to the AP. Support the following information display
Terminal Type	Displays the type of terminal connected (IPhone, Android, Windows, etc.)
Ip Address	Displays the IP address of the device
Mac Address	Displays the MAC address of the device
Manage Editing	
Delete	Support to choose and delete offline devices
Refresh	Support online information refresh
Device Listing	Supports sorting by column (eg online, offline, MAC, group name, software version, operating time, etc.)
Client Retrieve	Select the device, click the client retrieval button and the process is automatically completed. When the user device is enabled, it will be changed to the retrieval mode
Mirroring Management	
Display Method	Support list display, display information including mirroring name, version number, mirroring size, upload time, etc.
Upload	Support device mirroring upload and storage

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Auto Update	Support switch setting; the version of the online device will be verified automatically when the function is turned on. A device that meets the upgrade rules will be automatically upgraded before being online.
Batch Manual Upgrade	Manual selection version and device to be upgraded
Configuration Management	
Save	Click Save to save the configured login information, template, device location information, etc. as an encrypted configuration file and export it to the local computer
Recovery	Click Recovery to import the legal configuration file into the product. After the import is complete, the configuration will be refreshed automatically.
Map Upload	Click to upload an offline map, which is convenient for viewing and configuring device information in map mode
Template Management	
Display Method	Display the currently saved templates in a list, including: template name, country code, channel, bandwidth, SSID, power level, maximum sending rate, encryption type, etc.
Template Classification	Create, edit and display different templates according to device types
Edit	Supports to select an existing template for editing
Create	Create new template, the configurable parameters are as follows (templates are created according to different equipment)
Country Code	Support China, US, test mode settings
Channel	Choose according to the channels supported by different country codes
Bandwidth	Support 20/40/80MHz bandwidth
Output Power Configuration	Support high/medium/low configuration, the binning algorithm is the same as that of the access point
Multiple VAPs	Support 8 VAP settings, support on or off
SSID	Support to configure SSID, support to set Chinese
Hidden SSID	Support to configurated
Client Isolation	Supported
TDMA	Support TDMA switch configuration, only bridge template support
Maximum Number Of Users	Support access user limit from 1 to 127
Authentication/Encryption Method	Support authentication/encryption setting

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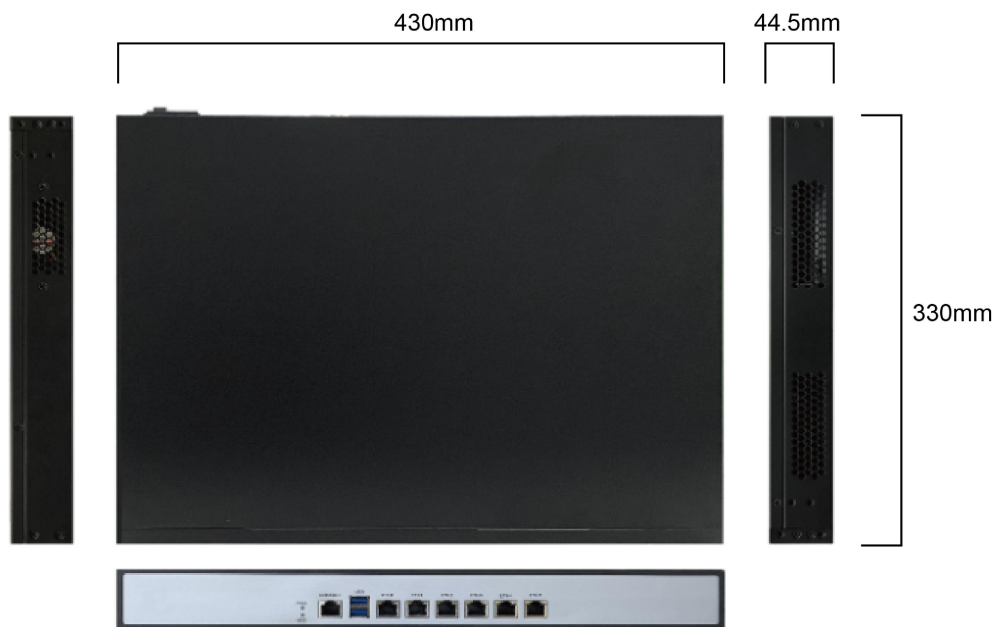
Auto-Match	For each online device, the template configuration drop-down box automatically matches the applicable template according to the product category
Log Management	
Log Classification	Common device operation logs, modification logs and alert logs
Log Upload	Support setting synchronous upload to remote syslog server
Log Clear	Delete log files saved in the storage and clear all statistics to zero
Log Search	Search in different categories, support keyword fuzzy search

MAP MODE	
Online Map	Support Baidu map, Google map
Automatic Deployment	According to the set location automatically placed on the map; incorrect or without information will be placed in the default location
Manual Deployment	Support to drag and drop to edit location and it can be adjusted to the map indicated address
Information View	The MAC and device name are displayed, click to view the detailed information: status, device name, device version, IP, MAC, device location, SSID, frequency, etc.
Information Editing	Edit by clicking device on the map: IP, device name, device location, etc. Offline devices cannot be edited and repositioned, only can be deleted.
Offline Map	Click the offline map to switch Drag and drop, manually edit the location information Devices that do not want to be displayed can be set to hide Multiple offline maps can be set Note: The offline map can be placed arbitrarily, and the location information of the offline map does not need to be stored locally on the device, which is separated from the online map data.
Connection Mode	Indicates connection method (wired, wireless) and signal strength by different colors
Type	Indicates access points, clients by different colors or shapes

SYSTEM SETTINGS	
Basic	
Platform Name	Support modification

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Login Timeout Setting	Support timeout configuration: 1/10/30mins or unlimited
Login Settings	Support user name and password modification settings
Network and Security	
Management Agreement	Support CAPWAP protocol
Discovery	Supports DHCP discovery Support for static IP discovery Support broadcast discovery
VLAN Settings	Supported
Anti-DoS Attack Function	Supported
Upgrade	
Version Upgrade	Support webpage upgrade
Upgrade Interruption Time	The average interruption of the upgrade will be less than 7 minutes

Dimension

430mm   44.5mm   330mm

Connector

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