



# X-Manager

A CAPWAP Based Network Management System



Monitoring  
and Alerting



Visualize network  
with Google Maps



Statistical Data  
Collection and Reporting



Configuration  
and Maintenance



Smart Discovery

# Product characteristics

## Monitoring and Alerting

- Support a variety of detection methods to ensure that the device can be successfully on-line in a variety of network architecture
- Support fault warning information, custom fault warning rules, according to the device fault home page remind, pop, mail notification, a variety of ways to warning

## Statistical Data Collection and Reporting

- Support the statistics of all kinds of device information, such as the number of online and offline device, and operation log information

## Visualize network with Google Maps

- Support the map shows the location of the device, by means of a location information will be automatic positioning equipment to the Google or Baidu map, and the map of the equipment for editing and adjusting, and through offline maps of indoor scene distribution of quadratic precise positioning

## Configuration and Maintenance

- Support device running status display, such as online, offline, configuring, and upgrading
- Support batch upgrade device, and can choose automatic or manual upgrade
- Support device name, IP address, location information, wireless parameters and other personalized information remote modification
- Support License management, the number of AC supported device can be managed by the license certificate

## Smart Discovery

- Support device key information retrieval, easy to quickly locate the target device in a large number of device list
- Support NTP Server , to facilitate the online device synchronization time

# Specifications

Hardware Platform	
CPU:	Inter Bay Trail J1900 Quad-core processor 2GHz
DDR3 Memory:	4GB
CF Card Memory:	4GB
Physical Interface:	10/100/1000M Base-TX *6 USB *2 Console *1
Size	430*300*44.5mm (1U)
Power	AC 220V 75W
Operating Temperature	0°C~50°C
Operating Humidity	5~95%RH (Non condensing)

Performance	
Number of Device	2048
Number of Wireless Configuration Template	1024
Number of Wireless Station	65535

Access Management	
Login IP	Support to modify the IP address of the login web page
Login Password	Support
Language	English
Limited Entry	Unregistered users accessing any invalid URLs will be redirected to the login page

## Information Statistics

Basic Information	
Platform Information	Platform name, FW version, IP address, CPU/Memory utilization, Run time, system time, etc.
Access Point Information	Total number of equipment, number of online equipment, number of off-line equipment;
Station Information	Total number of equipment, number of online equipment, number of off-line equipment;
Warning Information	Prompt the number of new warning log. Refresh every once in a while.

Device Management	
Access Point Management	
Status	Shows online, offline, not managed, is being upgraded, is configuration, upgrade failure, configuration failure, etc.
Device Name	Show device name
Device Model	Show device model
IP	Show device' s IP
MAC	Show device' s MAC
FW Version	Show device' s FW Version. Support to upgrade devices.
Online Time	Show device online time
Template Name	Show the template name that is currently used
Channel	Show device' s channel
Channel Width	Show device' s bandwidth
Transmit Power	Show device' s transmit power
SSID	Show device' s SSID
Location	Show device' s location
Station List	Show online station. Support the following information display
Signal	Show the signal strength of the client
Connection Rate	Show the sending and receiving rate with the client
FW Version	Show device' s FW Version. Support to upgrade devices.
Running Time	Show device online time
Terminal List	Show STA information connected to the AP. Support the following

	information display
Terminal Type	Show the connected terminal type (iPhone terminal, Android terminal, Windows, etc.)
IP	Show device' s IP
MAC	Show device' s MAC
<b>Management Edit</b>	
Delete	Delete the offline device from the device list
Refresh	Support for online information refresh
Sort	Support column sort (such as offline, MAC, group name, FW version, running time, etc.)
Client Recovery	Restore the connection between station and AP. When station cannot associate with the AP, it can be recovered by this function.
<b>Template management</b>	
Show Contents	List display the current template, showing the contents include: the template name, the national code, channel, bandwidth, SSID, power levels, the maximum transmission rate, encryption type, etc.
Template Classification	According to different types of equipment, the list shows different templates.
Edit Template	Choose and edit the existing template
Create	Create a new template. Support the following parameter information.
Country Code	Support China, the United States, test mode settings
Channel	Selected according to the different national codes supported by the channel
Bandwidth	Support 20/40/80MHz bandwidth
Transmit Power	Support high/medium/low configuration
Multi -VAP	Supports 8 VAP settings(AP), support for opening or closing
SSID	Support configuration SSID
SSID Hidden	Support configuration SSID hidden
Client Isolation	Support client isolation settings
TDMA	Support TDMA switch configuration, only the template support bridge
Maximum Number of	Support access to the number of users, the scope of the configuration

Users	1~127
Authentication / encryption mode	Support authentication / encryption settings
Automatic matching	According to each of the online device categories, automatically match the applicable template
Image Management	
Show Contents	Support list display, display information including the name, version number, image size, upload time, etc.
Upload	Support image upload and storage
Auto Upgrade	Support the switch settings; upgrade the equipment to meet the conditions of upgrade automatically;
Manual Upgrade	Upgrade by manually selecting version and device
Configuration Management	
Save	Click save, you can configure the login information, template, equipment location information stored as an encrypted configuration file, output to the local computer;
Recovery	Click on the recovery, the legitimate configuration files can be imported into the product.
Map File Upload	Click to upload offline map files, maps can be used to view and configure the device information; Note: it can be switched online map or offline map in the map mode; the default use of online Baidu map;
Log Management	
Log Classification	Common run logs, modify logs, and alert logs
Log Upload	Support synchronous upload remote syslog server;;
Log Cleanup	Delete the log files stored in the storage space, all the statistical information cleared
Log Search	Support keyword search; Only for the log box display, the history log does not support page retrieval;

Map Mode	
Online Map	The device is displayed on the Baidu, Google map
Automatic Placement	According to the position information provided by the user, the automatic layout is arranged on the map; Information is not correct and no information is placed to the default location;
Manual Placement	You can edit the location of the device on the map
Information View	Equipment logo display device MAC and device name, click to view details: state, equipment name, equipment models, IP, MAC, equipment location, SSID, frequency, etc.
Information Editing	You can edit the parameters by clicking on the online device: IP, device name, device location, etc.;; Offline device cannot be edited and adjust the location, but you can delete it.
Offline Map	Offline maps can be used. By editing, the device can be displayed on the offline map.
Connection Mode Indication	Connection mode (wired and wireless) and signal intensity by different connection colors
Type Distinction	Through different color or shape to distinguish the device or wireless mode

System Settings	
Basic Settings	
Platform Name	The name of platform. Support modification.
Login Timeout	Support login timeout configuration: 1 minutes /10 minutes /30 minutes / Unlimited
Login Information Setting	Support user name, password modification settings
Network and Security Settings	
Management Protocol	CAPWAP
Discovery Method	Support DHCP discovery;

	Support static IP discovery; Support broadcast discovery;
VLAN Settings	Support port VLAN settings
Preventing DoS Attack	Support

Upgrade Configuration	
Upgrade	Support page upgrade;
Interrupt Time of Service	Interrupt time of service is less than 7 min when the device is upgraded

## Interface



## Dimensions

