

APM100

ACCESS POINT CONTROLLER



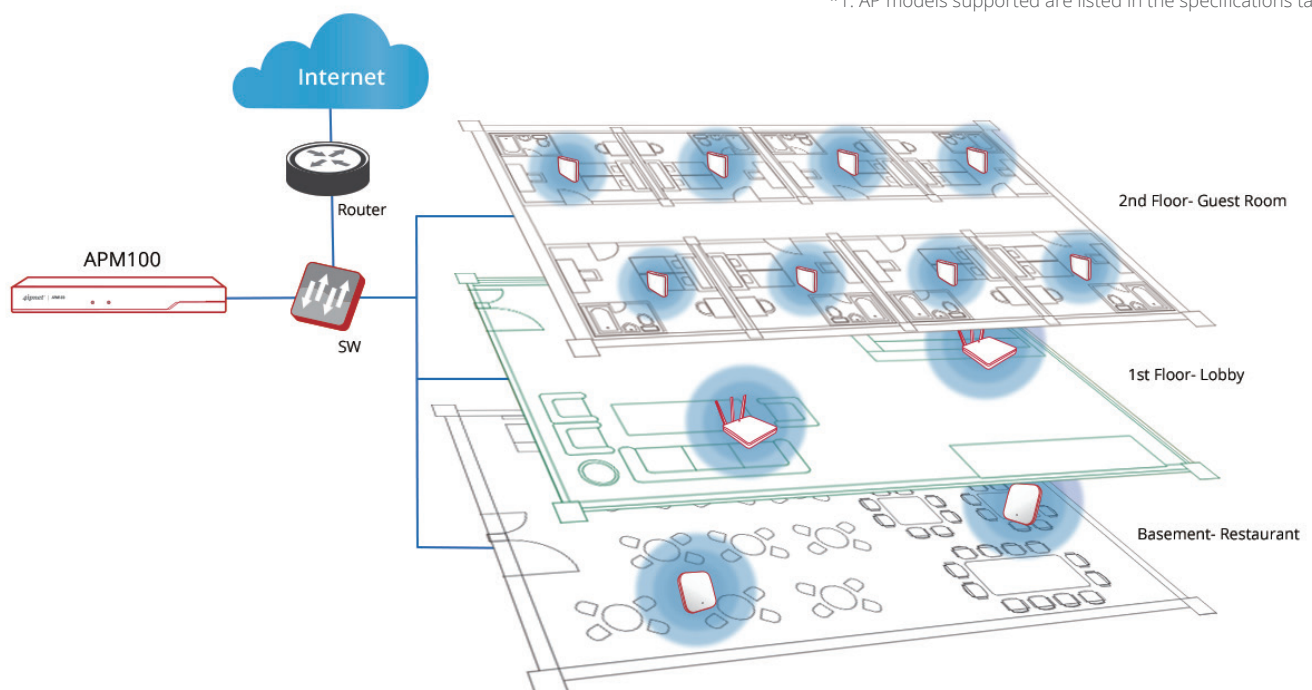
INTRODUCTION

The 4ipnet APM100 is a simple yet effective centralized Wi-Fi AP management solution, designed specifically for small hotels, distributed retail/chain stores, and bed and breakfast venues. With a straightforward user interface and plug-and-play setup, network administrators can quickly deploy and manage a Wi-Fi network of up to 100 APs^{*1} with minimal IT resources.

Setting up a Wi-Fi network with APM100 is extremely easy - just configure a provisioning template and plug the APs and APM100 into the same switch/subnet - in a matter of minutes the network will be up and running. In addition to facilitating wireless network setup, the APM100 also provides extensive monitoring and management features, such as graphical maps and reports, automated status change notifications, and integrated troubleshooting utilities.

With the APM100, organizations have a cost-effective, entry-level network management solution for basic Wi-Fi deployments. For Wi-Fi service providers who need the branded advertisements, flexible user authentication, and client information collection, the APM100 can meet all their needs; moreover, the APM100 can be further enabled with customized captive portal to suit a wide array of application scenarios.

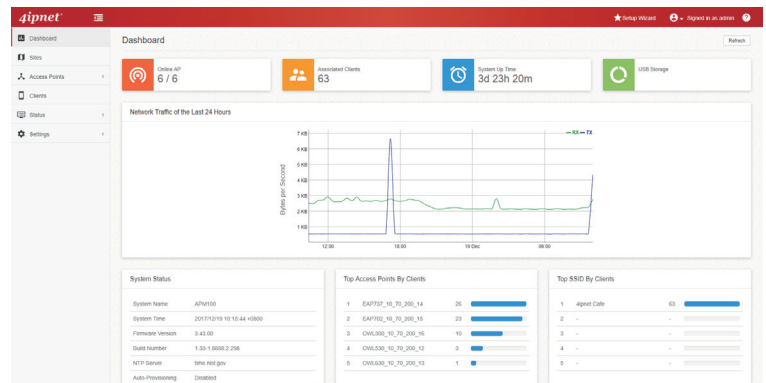
^{*1}: AP models supported are listed in the specifications table



WI-FI AP CONTROLLER

- Plug-and-Play Installation

Automatic discovery and provisioning eliminates many repetitive and cumbersome tasks during initial network deployments. Unlike software-based Wi-Fi controllers that require additional installation onto a separate PC or hardware, the APM system is ready out of the box, has dedicated processing power, and can be accessed using any PC or mobile device.

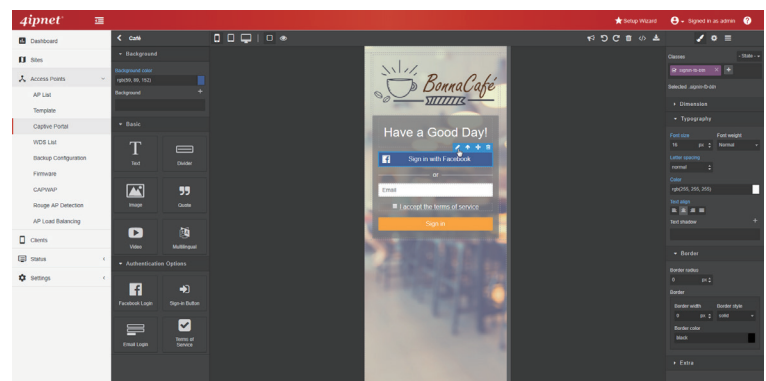


Dashboard

The APM system provides an intuitive and easy-to-digest network dashboard

- Branded Captive Portals

The WYSIWYG Captive Portal Editor and 8 default themes simplify the process of configuration. Meanwhile, YouTube advertisement, Facebook login and customized landing page are effective to increase the advertising reach and brand awareness.



WYSIWYG Captive Portal Editor

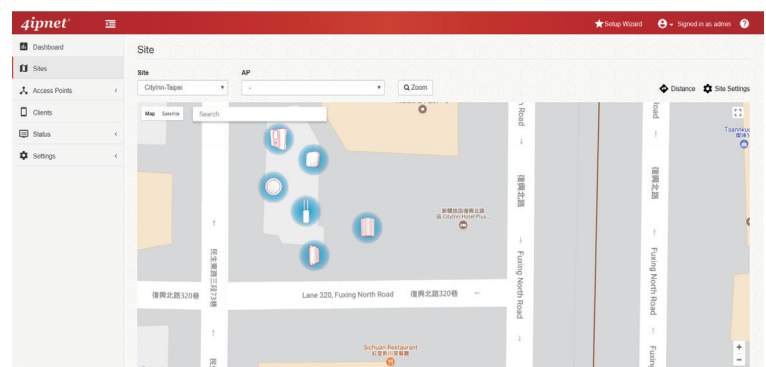
The editor meets all application scenarios and allows to preview the entire layout.

- Flexible L2/L3 AP Management

The APM system comes with native AP management supporting both layer 2 and layer 3 deployment scenarios. Tunnel interfaces between the APM and remote APs can be encrypted to enhance network security.

- Built-in Troubleshooting Utilities

Integrated network troubleshooting utilities such as ping, traceroute, and packet capture allow administrators to quickly identify and respond to network issues.

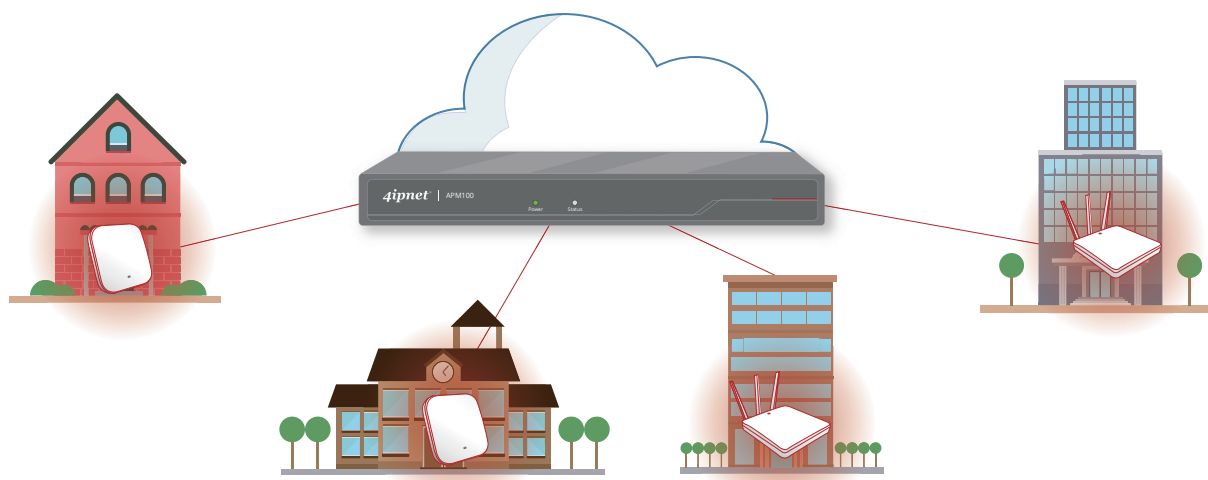


Map-based Visualization

Easily monitor the status of APs placed in various geographical locations with the APM's map feature

MULTIPLE-SITE MANAGEMENT & REPORTING

A single APM system can manage APs at multiple distributed sites. Reporting and analytics displays can be easily customized by administrators to enable intuitive monitoring of system activity.



EAP702



EAP705



EAP737



EAP760



EAP767



OWL300



OWL530



OWL630



SPECIFICATIONS

APM100 CAPACITY

Supported AP Models	♦ EAP702, EAP705, EAP737, EAP760, EAP767, OWL300, OWL530, OWL630
Number of Managed APs	♦ Up to 100 or 20 with captive portals enabled
Number of Captive Portals	♦ Up to 8

HARDWARE SPECIFICATION

Form Factor	♦ Desktop
Dimensions	♦ 19.0 cm x 13.3 cm x 3.3 cm
Weight	♦ 0.82 kg (1.81 lbs)
Power	♦ DC Input: 12V / 1A (Power adapter included)
Network Interface	♦ 5 x 10/100/1000Base-T Ethernet, AutoMDIX, RJ-45
USB	♦ USB 3.0 (16GB disk included)
Buttons	♦ Power, Reset/Restart
LED	♦ Power, Status
Certifications	♦ CE, FCC
Operating Temperature	♦ 0 to 40°C (32 to 104°F)
Operating Humidity	♦ 5% to 95% Non-condensing