300Mbps Wireless N Ceiling Mount Access Point

EAP110

◤ Highlights

- Wireless N speed up to 300Mbps
- EAP Controller Software enables administrators to easily manage hundreds of EAPs
- Supports passive PoE for convenient installation
- Ceiling mounting design with chassis make it easy to deploy on a wall or ceiling
- Captive portal provides one convenient method of authentication for Wi-Fi guests
- Multi-SSID divides multiple wireless networks for different users
- Enterprise class Wi-Fi security help to decrease network security threats.

◤ Overview

The TP-LINK's EAP110 business Access Point provides a flexible, easy-to-deploy, manageable and robust security business-class wireless network solution. Simple mounting design to easily mount to a wall or ceiling. WLAN configuration and management are simplified through centralized management software. EAP110 also features captive portal and auto RF management, making it ideal for the high-density, intensive demanding businesses environment, include campus, hotels, malls and offices.

Standards
- IEEE 802.11b/g/n

Functionality
- Multi-SSID
- Load Balance
- Wireless Schedule
- QoS (WMM)
- Automatic Channel Assignment
- Transmission Power Adjustment

Security
- Captive Portal Authentication
- Wireless MAC Address Filtering
- Isolation between Clients
- SSID to VLAN Mapping
- Rogue AP Detection
- 802.1X Support
- WEP, WPA/WPA2-PSK, WPA/WPA2-Enterprise Encryption

Hardware
- 1 Fast Ethernet Port
- 2*3dBi Internal Antennas
- Dimensions: 7.1*7.1*1.9 in. (180*180*47.5mm)

24 / 7
Global technical support

Details:http://www.tplink.com/en/Support/
German/Austrian/Swiss users are not included

EAP Controller Software
– simple and scalable business Wi-Fi management

The EAP Controller Software enables administrators to manage hundreds of EAPs easily from any PC on the network. Includes such administrative features as centralized configuration, real-time monitoring, and graphical analysis of network traffic.
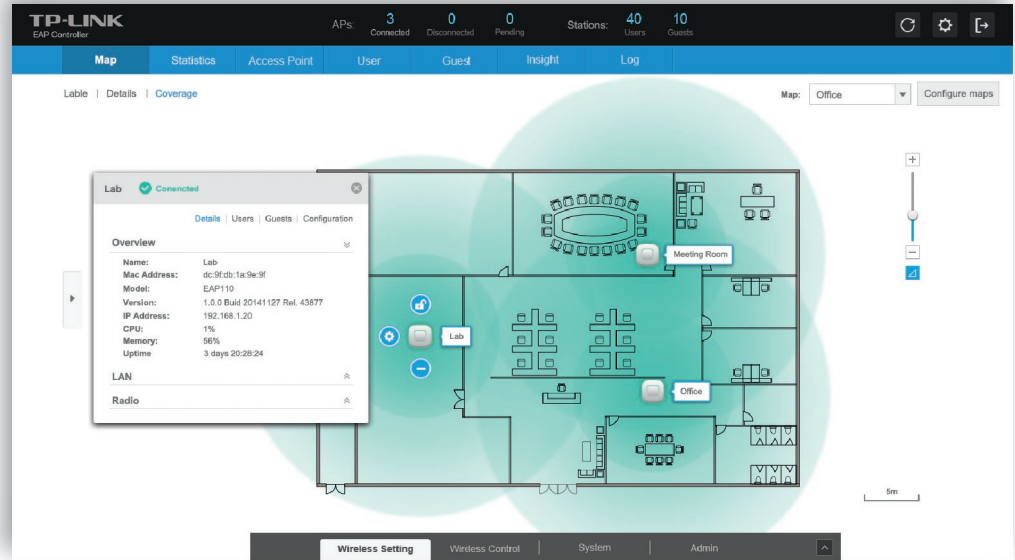
- Free controller software, no expensive hardware controller required
- Easy-to-use, no special training necessary
- Upload floor plans for a more intuitive Wi-Fi management
- Advanced security features including Captive Portal, Rogue AP Detection
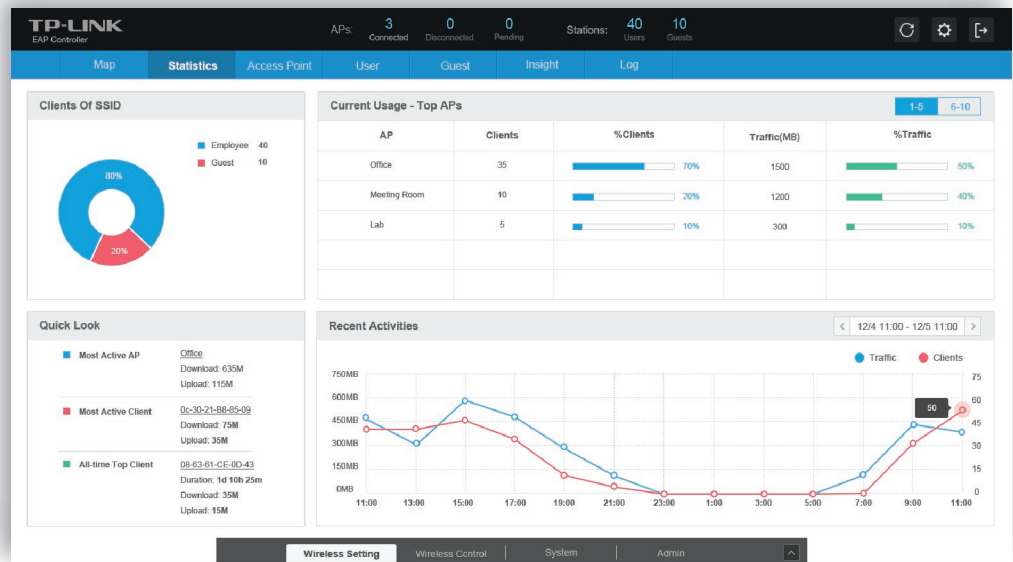
Real-time monitoring of your wireless network
- Directly view traffic on any individual AP on the network
- Graphical activity of clients connected to the network
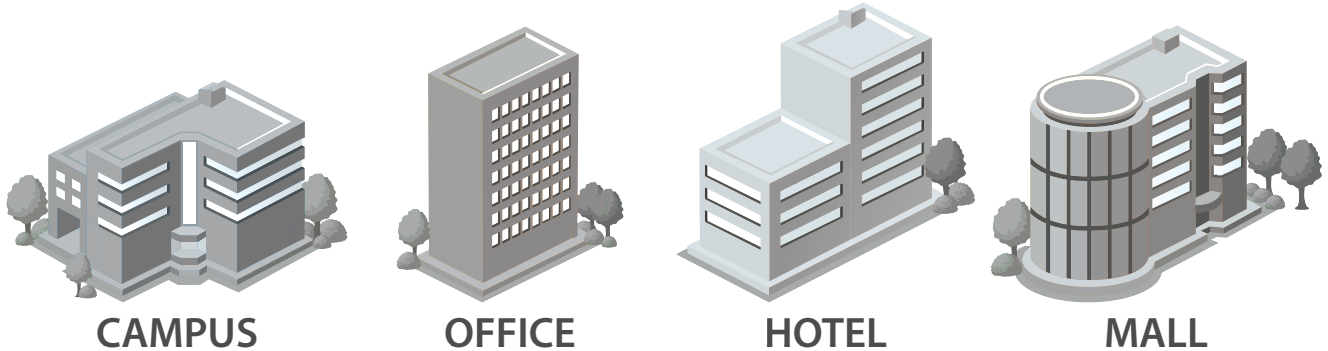- Visual analytics of overall network usage and traffic distribution

◧ Typical Applications

EAP110 is specially designed for the high-density, intensive demanding businesses environment, include campus, hotels, malls and offices.

WLAN Solution for Hotel as an Example

EAP
EAP
EAP
Switch
Switch
EAP
EAP
EAP Controller
Switch
EAP
EAP
Internet
Router

CAMPUS   OFFICE   HOTEL   MALL
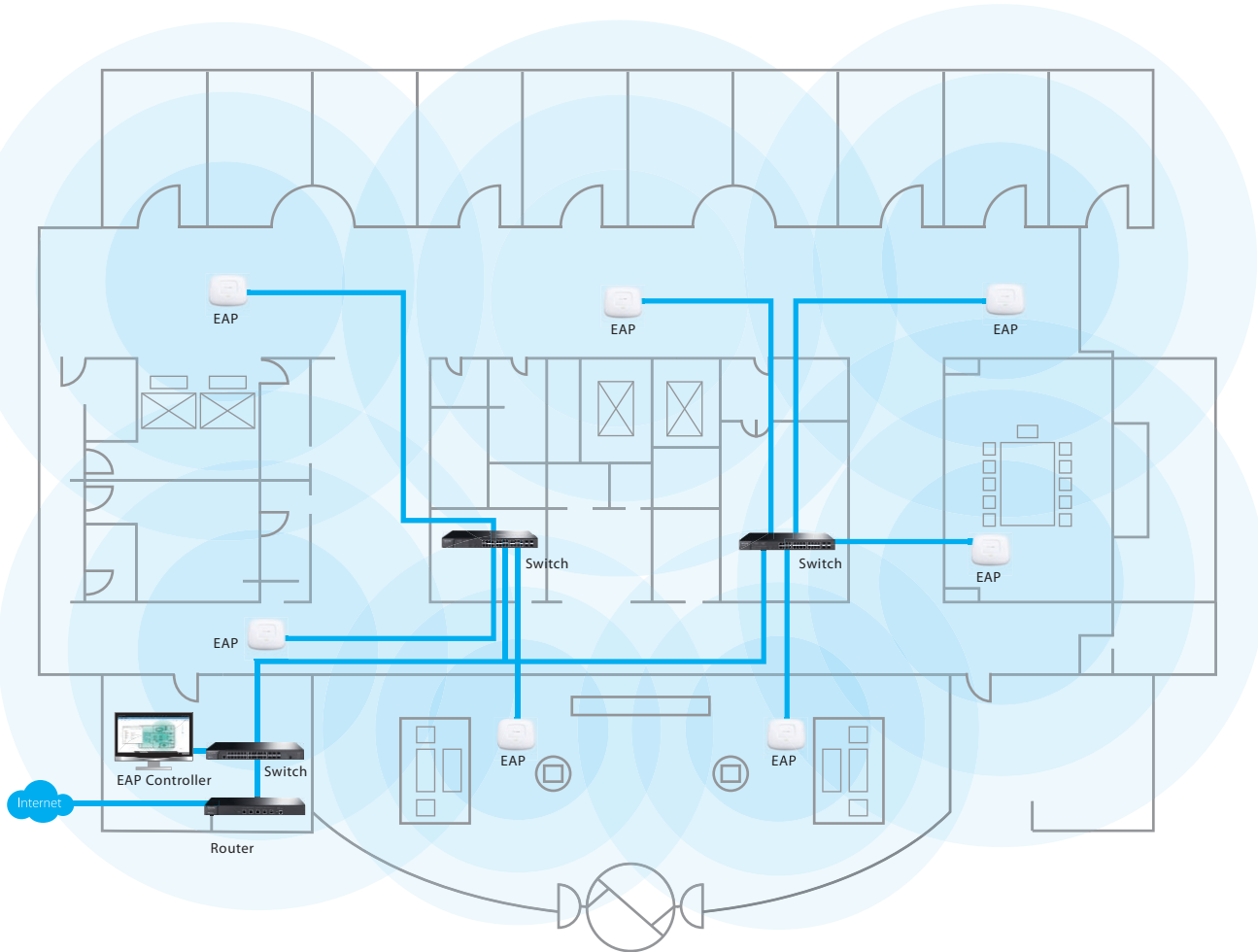
◼ Specifications

MODEL	EAP120	EAP110
Name	300Mbps Wireless N Gigabit Access Point	300Mbps Wireless N Access Point
MAIN DESIGN		
LAN Interface	Gigabit Ethernet (RJ-45) Port *1	10/100Mbps Ethernet (RJ-45) Port *1
Wireless Frequency	2.4GHz	
Wi-Fi Standards	IEEE 802.11b/g/n	
Maximum Data Rate	Up to 300 Mbps	
Internal Antennas	2* 4dBi	2* 3dBi
Max Rf Transmit Power[1]	26dBm	
Power over Ethernet (PoE)	IEEE 802.3af	24V Passive PoE
CENTRALIZED MANAGEMENT		
Cluster	●	-
Max APs in One Cluster	24	-
EAP Controller Softaware	●	
SECURITY		
Captive Portal Authentication	●	
Wireless MAC Address Filtering	●	
Wireless Isolation between Clients	●	
SSID to VLAN Mapping	●	
Rogue AP Detection	●	
WEP Encryption	64/128/152-bit	
WPA/WPA2-Personal Encryption	●	
WPA/WPA2-Enterprise Encryption	●	
802.1X Support	●	
WIRELESS FUNCTION		
Multiple SSIDs	8	
Enable/Disable Wireless Radio	●	
Automatic Channel Assignment	●	
Transmit Power Control	Adjust Transmit Power on dBm	
QoS(WMM)	●	
Load Balance	●	
Wireless Schedule	●	
Wireless Statistics	Based on SSID/AP/Client	
SUPPORTED DATA RATES		
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)	
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps	
802.11b	1, 2, 5.5, 11 Mbps	

[1] Maximum transmit power is limited by local regulatory settings

MANAGEMENT

LED ON/OFF Control	●	
Management MAC Access Control	●	
Web-based Management	HTTP/HTTPS	
Telnet	●	
CLI (Command Line Interface)	●	-
SNMP	v1,v2c	
System Logging	Local/Remote Syslog	
Email Alerts	●	

PHYSICAL & ENVIRONMENT

Power Supply	PoE or External 12VDC / 1A Power Supply	24VDC / 1.0A Passive PoE Supply
Maximum Power Consumption	4.4 watts	7.7 watts
Console Port	RJ45*1	-
Physical Security Lock	Kensington Lock Slot	
Button	Reset Button, Power On/Off Button	Reset Button
Watch Dog	●	
Dimensions (W * D * H)	7.1 x 7.1 x 1.9 in. (180*180*47.5mm)	
Mounting	Ceiling /Wall mounting (Kits included)	

OTHERS

Certification	CE, FCC, RoHS	
Package Contents	300Mbps Wireless N Gigabit Ceiling Mount Access Point EAP120 Power Adapter, Mounting Kits, Resource CD, Installation Guide	300Mbps Wireless N Ceiling Mount Access Point EAP110 Passive PoE Adapter, Power Cord, Mounting Kits, Resource CD, Installation Guide
System Requirements	Microsoft Windows 8/7/Vista/XP	
Environment	Operating Temperature: 0°C~40°C (32°F~104°F); Storage Temperature: -40°C~70°C (-40°F~158°F); Operating Humidity: 10%~90% non-condensing; Storage Humidity: 5%~90% non-condensing;	