



# 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

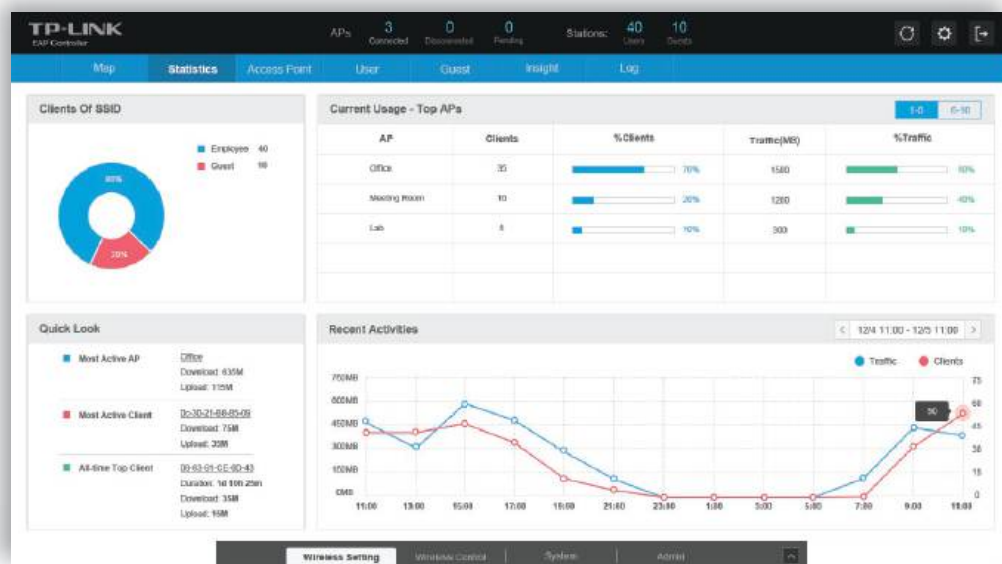
- 1 Fast Ethernet Port
- 2\*3dBi Internal Antennas
- Dimensions: 7.1\*7.1\*1.9 in.  
(180\*180\*47.5mm)

## 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

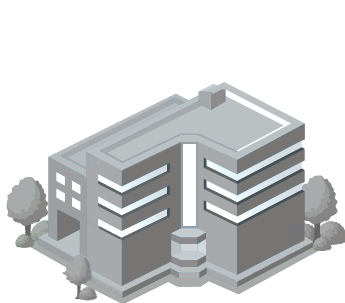
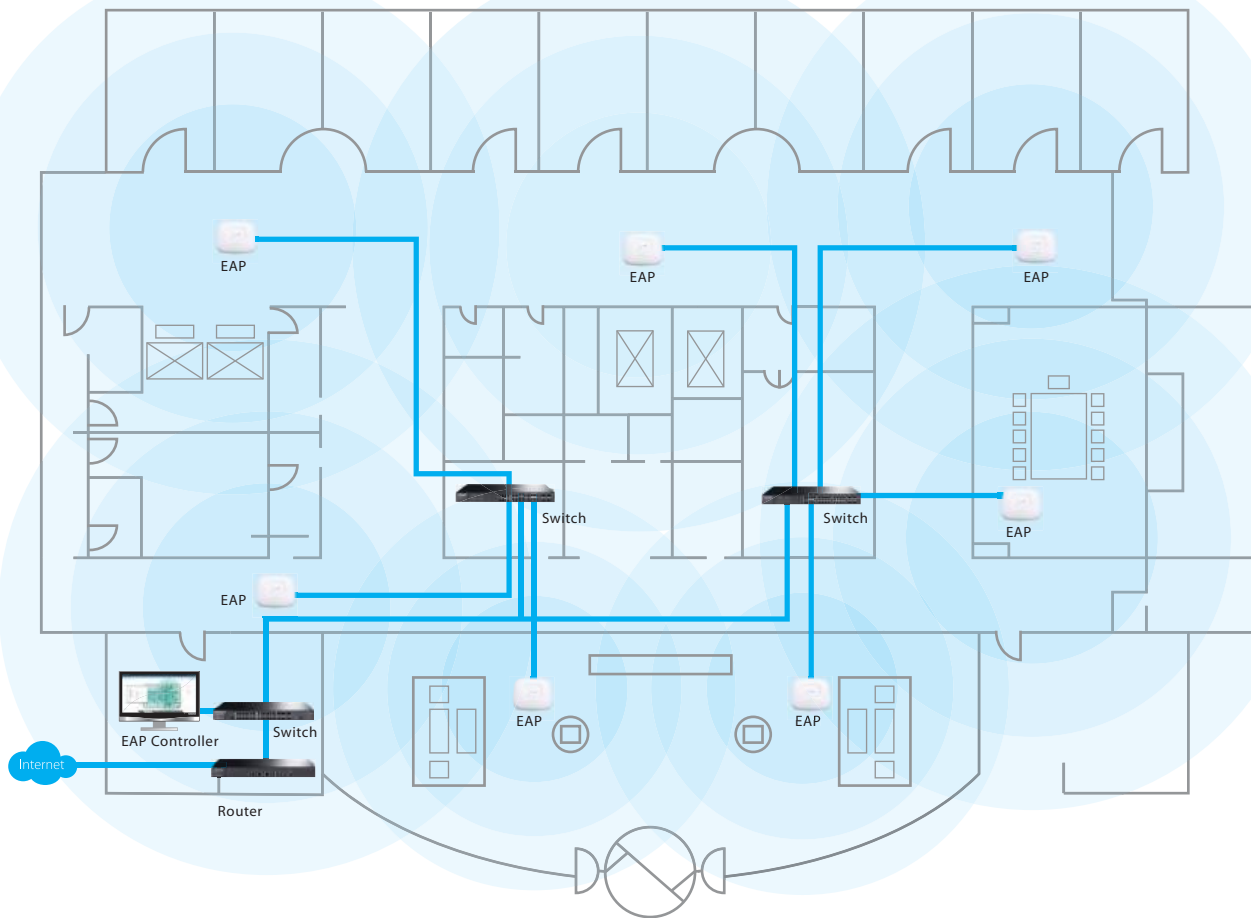


Details: <http://www.tplink.com/en/Support/>  
German/Austrian/Swiss users are not included

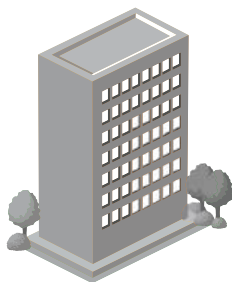
## ■ Typical Applications

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

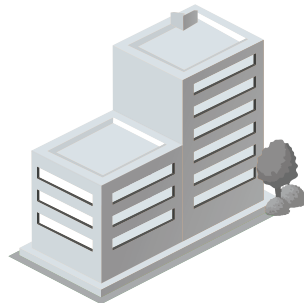
### WLAN Solution for Hotel as an Example



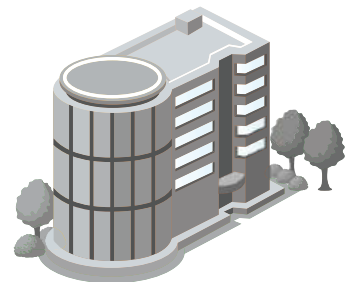
**CAMPUS**



**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 <sup>1</sup>		26dBm	
Power over Ethernet (PoE)		IEEE 802.3af	24V Passive PoE
CENTRALIZED MANAGEMENT			
Cluster		●	-
Max APs in One Cluster		24	-
EAP Controller Software		●	
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	

<sup>1</sup> 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;