ComX Computers
Product Specification Sheet

TP-EAP115

TP-Link EAP115 300Mbps Wireless N Ceiling Mount Access Point

Product Overview

TP-Link EAP115 300Mbps Wireless N Ceiling Mount Access Point

Specifications

Features:

- EAP Controller Software enables administrators to easily manage hundreds of EAPs
- Cluster management makes it easy to manage a small network by allowing up to 24 Auranet EAP115 units to act as a single cluster
- Supports IEEE 802.3af PoE for convenient and affordable installation
- Simple mounting design for easy attachment to a wall or ceiling
- 300Mbps wireless data rate for uninterrupted wireless connection
- Captive portal provides one convenient method of authentication for Wi-Fi guests
- Rate limit per SSID to restrict the bandwidth of each client
- Access Control restricts sets limitations for client access to the specified network segment
- Reboot Schedule enables all APs to automatically reboot within a specified time
- WPA/WPA2-enterprise, 802.1X with RADIUS secure authentication and rogue access point detection ensure the security of WLAN network
- Multi-SSID divides multiple wireless network for different user types
- Load balance ensures large business networks with smooth a network experience
- Compatible with 802.11 b/g/n products
- QoS function prioritizes data, voice, and video to ensure time-sensitive applications take priority over all other traffic
- Durable housing prevents dust from dropping onto the PCB through bypass louver to provide long-term, unhindered operation

An Affordable, Scalable Business Wi-Fi Solution
Build and manage a scalable Wi-Fi network for your business with the Auranet business class solution, tailored to handle the power of hundreds of TP-LINK EAPs at an affordable cost.

Trouble-Free Centralized Management. No Technicians Needed.
Auranet enables you to set up a centralized network management system without the need of any IT or setup fees.

Free Multi-Function Auranet Controller Software
Concurrently manage and monitor hundreds of Auranet EAPs in a single location. Unlike most standard hardware controllers, the TP-LINK EAP Controller Software doesn't require any special training or added costs.

Easy-to-use Cluster Mode
The user-friendly Cluster Mode allows you to manage up to 24 Auranet EAPs in your business network without requiring any extra hardware or software. Organize your network administration system by controlling multiple access points at a time with the same simplicity of a single home network router.

Custom Guest Authentication
The captive portal provides customizable guest authentication settings for maximized user control. Administrators can easily set and adjust guest Wi-Fi settings by designing a unique authentication page, establishing a voucher system to limit the duration of use for each client, or creating "Operator" accounts, for permission to manage the guest network without having access to other EAP administrative features.

Timesaving and Flexible Deployment
The Auranet EAP115 is designed for easy installation on any wall or ceiling. The Power over Ethernet (PoE) function allows your network cables to carry electrical power so you minimize on cable clutter. It's one more hardwiring hassle you don't have to worry about when operating your centralized management system.

Unified Wi-Fi for Multi-user Environment
The Auranet business Wi-Fi solution is engineered to handle heavy multi-user usage in large areas without encountering the same stability issues found with standard routers and access points purposed for home use. It's the perfect fit for motels, salons, chain-stores, schools, and restaurants.

Specifications:

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Specifications	
Product Code	TP-EAP115
HARDWARE FEATURES	
Interface	Fast Ethernet (RJ-45) Port *1(Support IEEE802.3af PoE)
Button	Reset
Power Supply	PoE or external 12VDC/1.0A power supply
Power Consumption	5W
Wireless Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Dimensions (W x D x H)	7.1 x 7.1 x 1.9 in. (180*180*47.5mm)
Dimensions	7.5x6.8x1.2 in. (189.4x172.3x29.5mm)
Antenna Type	Internal 2* 3dBi Omni
Mounting	Ceiling /Wall Mounting (Kits included)
Physical Security Lock	Kensington Lock Slot
Watch Dog	Yes
WIRELESS FEATURES	

Wireless Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Frequency	2.4-2.4835GHz
Signal Rate	11n: Up to 300Mbps(dynamic)
	11g: Up to 54Mbps(dynamic)
	11b: Up to 11Mbps(dynamic)
Reception Sensitivity	300M: -71dBm@10% PER
	150M: -75dBm@10% PER
	54M: -78dBm@10% PER
	11M: -93dBm@8% PER
	6M: -92dBm@10% PER
	1M: -96dBm@8% PER
Wireless Functions	Multiple SSIDs (Up to 8 SSIDs)
	Enable/Disable Wireless Radio
	Automatic Channel Assignment
	Transmit Power Control (Adjust Transmit Power on dBm)
	QoS(WMM)
	Rate Limit
	Reboot Schedule
	Wireless Schedule
	Wireless Statistics based on SSID/AP/Client
Wireless Security	Captive Portal Authentication
	Access Control
	Wireless Mac Address Filtering
	Wireless Isolation Between Clients
	SSID to VLAN Mapping
	Rogue AP Detection
	802.1X Support
	64/128/152-bit WEP / WPA / WPA2-Enterprise, WPA-PSK / WPA2-PSK
Transmission Power	CE:
	<=19dBm
	FCC:
	<=26dBm
MANAGEMENT	
Auranet Controller Software	Yes
Omada Controller Software	Yes
Cluster Mode	Yes
EAP Controller Software	

Email Alerts	Yes
LED ON/OFF Control	Yes
Management MAC Access Control	Yes
SNMP	v1, v2c
System Logging Local/Remote Syslog	Local/Remote Syslog
Telnet	Yes
Web-based Management	HTTP/HTTPS
Management VLAN	Yes
OTHERS	
Certification	CE, FCC, RoHS
Package Contents	300Mbps Wireless N Ceiling Mount Access Point EAP115
	Power Adapter
	Mounting Kits
	Installation Guide
System Requirements	Microsoft Windows 10/8/7/Vista/XP
Environment	Operating Temperature: 0 degreesC~40 degreesC (32 degreesF~104 degreesF)
	Storage Temperature: -40 degreesC~70 degreesC (-40 degreesF~158 degreesF)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/TP-EAP115-TP-Link-EAP115-300Mbps-Wireless-N-Ceiling-Mount-Access-Point-p-198377.php

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