



300Mbps Wireless N PoE Access Point

TEW-638PAP (V1.0R)

The 300Mbps Wireless N PoE Access Point (model TEW-638PAP) is a scalable secure high speed solution that provides up to 12x the speed and 4x the coverage of wireless g.

No need to install this access point near a power source, power and data are received through a single Ethernet cable using Power over Ethernet (PoE) technology.

Connect wireless clients to your network at the touch of a button with WPS technology. Features Access Point Client mode, Wireless Distribution System (WDS) support, and detachable antennas. Multiple Input Multiple Output (MIMO) antenna technology increases wireless coverage, advanced encryption protects your wireless network, and Wireless Multimedia (WMM) Quality of Service technology prioritizes audio and video traffic.

FEATURES

- IEEE 802.3af Power over Ethernet (PoE) compliant device (power adapter included for non-PoE installations)
- Compliant with wireless IEEE 802.11n/g/b standards
- Up to a 300Mbps data rate using an 802.11n connection
- Works as a wireless adapter with AP Client support
- Expand a wireless network using Wireless Distribution System (WDS)
- 802.11e Wi-Fi Multimedia (WMM) QoS data prioritization
- Low interference and high susceptibility deliver reliable performance
- 2 detachable antennas and MIMO antenna technology provide high speed performance and expansive coverage
- Wi-Fi Protected Setup (WPS) integrates other WPS devices into your network quickly
- On/off power switch
- Advanced wireless encryption: 64/128-bit WEP, WPA/WPA2-RADIUS, and WPA/WPA2-PSK
- Coverage up to 100 meters (328ft.) indoor and 300 meters (984ft.) outdoor*
- 3-year limited warranty

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SPECIFICATIONS

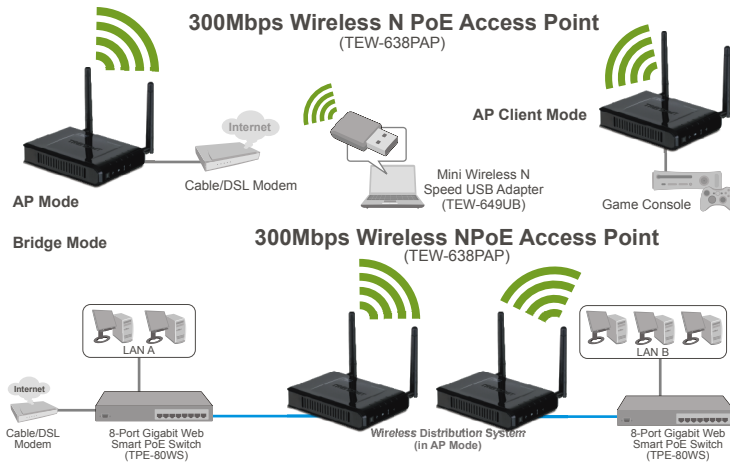
Hardware	
Standards	• IEEE 802.11n, 802.11b, 802.11g, , 802.11e and 802.3af
Interface	• 1 x 10/100Mbps Auto-MDIX LAN port
LED Indicators	• Power, LAN, WPS, and Wireless
Buttons	• Reset button – restores factory default settings • WPS button- enables WPS function • On/off power switch
Power Supply	• 12 V DC 0.5A external power adapter
Power Consumption	• 3.12 watts
Dimensions (LxWxH)	• 120 x 26 x 88mm (4.7 x 1.0 x 3.4in.)
Weight	• 145g (5.11oz)
Temperature	• Operating: 0° ~ 40°C (32° ~ 104°F), Storage: -20°C ~ 60°C (-4° ~ 140°F)
Humidity	• Operating: 5% ~ 90% non-condensing, Storage: 5% ~ 90% non-condensing
Certifications	• CE, FCC
Wireless	
Module Technique	• OFDM: BPSK, QPSK, 16-QAM, 64-QAM • DBPSK, DQPSK, CCK
Modes	• Access Point, Wireless Distribution System (WDS in AP mode), AP Client
Access Control	• 64 MAC Address Filter Entries
Antenna	• 2 x 2dBi detachable antennas
Frequency	• 2.412 - 2.472 GHz
Data Rate (Auto Fallback)	• 802.11n: up to 300Mbps • 802.11g: up to 54Mbps • 802.11b: up to 11Mbps
Output Power	• 802.11n: 12dBm (typical) • 802.11g: 15dBm (typical) • 802.11b: 18dBm (typical)
Receiving Sensitivity	• 802.11n: -66dBm (typical) • 802.11g: -74dBm (typical) • 802.11b: -84dBm (typical)
Encryption	• 64/128-bit WEP, WPA/WPA2-RADIUS, WPA/WPA2-PSK
Channels	• 1-11 (FCC), 1-13 (ETSI)

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NETWORKING SOLUTION



PACKAGE CONTENTS

- TEW-638PAP
- Multi-Language Quick Installation Guide
- CD-ROM (Utility and User's Guide)
- Cat. 5 Ethernet cable (0.6m / 2ft.)
- Power adapter (12V DC, 0.5A)
- Mounting stand

RELATED PRODUCTS

TEW-AI770B	Duo 7dBi Indoor Omni-Directional Antenna
TEW-649UB	Mini Wireless N Speed USB Adapter
TPE-80WS	300Mbps Wireless N Express Card

ORDERING INFORMATION

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