TEW-815DAP supports Access Point (AP), Client, Repeater, Wireless Distribution System (WDS) Bridge, and WDS + AP modes. The TEW-815DAP generates concurrent 1.3 Gbps Wireless AC and 450 Mbps Wireless N networks. Embedded GREENet technology reduces power consumption by up to 50%.

**AC1750 Dual Band Wireless Access Point**

TEW-815DAP (v1.0R)

- High performance concurrent dual band Wireless AC access point
- AC1750: 1.3 Gbps Wireless AC + 450 Mbps Wireless N bands
- Access Point (AP), Client, Repeater, WDS, and WDS + AP modes
- Gigabit LAN port
- Connect devices with one-touch Wi-Fi Protected Setup (WPS)
Ease of Use

Multi-Mode Support
Supports Access Point (AP), Client, Repeater, Wireless Distribution System (WDS), and WDS + AP modes

One Touch Connection
Securely connect to the access point at the touch of the Wi-Fi Protected Setup (WPS) button

Multi Language
Multi Language Interface: English, Spanish, French, German, and Russian

Logs
Real time logs and statistics help trouble shooting

Performance

Encrypted Wireless
Support for wireless encryption up to WPA2

Multiple SSIDs
Create up to four SSIDs per wireless band

Next Generation Wireless AC
802.11ac provides uninterrupted HD video streaming in a busy connected environment

Networking Solution

Simultaneous Dual Band
High performance 1.3 Gbps Wireless AC + 450 Mbps Wireless N bands

Wireless Coverage
Extended wireless coverage with MIMO antenna technology

Compatibility
Compatible with legacy wireless devices

Gigabit Port
Gigabit LAN port maintains high performance connections to the wired network

Energy Savings
Embedded GREENnet technology reduces power consumption by up to 50%

IPv6
IPv6 network support

Targeted Beamforming
Increased real-time performance by directing stronger wireless signals to your specific location

HD 3D movies
Gaming
Music
Surfing
Web chat
E-mail

Gigabit
Router
Internet

Gigabit Port
Gigabit LAN port maintains high performance connections to the wired network

Energy Savings
Embedded GREENnet technology reduces power consumption by up to 50%
Specifications

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n (up to 450 Mbps)
- IEEE 802.11ac (draft 2.0, up to 1.3 Gbps)

Hardware Interface

- 1 x Gigabit port
- Power switch (EU model only)
- WPS button
- LED indicators

Operation Modes

- Access Point (AP), AP + WDS
- Wireless Distribution System (WDS)
- Repeater
- Client

Special Features

- Concurrent dual band access point
- 1-to-2 repeater feature: repeats a single wireless band (Ex: 2.4 GHz) to both wireless bands (Ex: 2.4 and 5 GHz)
- IPv6 support (Static IPv6 and Auto-Configuration (SLAAC/DHCPv6))
- Multi-Language interface: English, French, Spanish, German, Russian

SSID

- Up to 4 SSIDs per band (AP mode)

Access Control

- Wireless encryption: WEP, WPA/WPA2-PSK, WPA/WPA2-RADIUS (AP mode)
- Access Controls: MAC Filter

Frequency

- 2.4GHz: FCC 2.412 - 2.462 GHz, ETSI: 2.412 – 2.472 GHz

Modulation

- 802.11b: CCK, DQPSK, DBPSK
- 802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM sub carrier with OFDM
- 802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256QAM with OFDM

Wireless Channel

- 5 GHz: FCC: 36, 40, 44, 48, 149, 157, 161 and 165, ETSI: 36, 40, 44, 48

Antenna Gain

- 2.4 GHz: 6 dBi (max.) internal PIFA
- 5 GHz: 6 dBi (max.) internal PIFA

Wireless Output Power/Receiving Sensitivity

- 802.11a: FCC: 22 dBm, CE: 18 dBm (max.)/-68 dBm (typical) @ 54 Mbps
- 802.11b: 19 dBm (max.)/-84 dBm (typical) @ 11 Mbps
- 802.11g: 18 dBm (max.)/-72 dBm (typical) @ 54 Mbps
- 802.11n: FCC: 18 dBm (max.)/-68 dBm (typical) @ 450 Mbps 2.4 GHz
- 802.11n: FCC: 22 dBm, CE: 18 dBm (max.)/-68 dBm (typical) @ 450 Mbps 5 GHz
- 802.11ac: FCC: 23 dBm, CE: 19 dBm (max.)/-55 dBm (typical) @ 1.3 Gbps

Power

- Input: 100 – 240 V, 50 – 60 Hz, 0.8 A
- Output: 12 V DC, 2 A
- Consumption: 20 Watts (max.)

Operating Temperature

- 0 – 40 °C (32 – 104 °F)

Operating Humidity

- Max. 85% non-condensing

Certifications

- CE
- FCC

Dimensions

- 48 x 155 x 180 mm (1.9 x 6.1 x 7.1 in.)

Weight

- 340 g (12 oz.)

Warranty

- 3 year limited

Package Contents

- TEW-815DAP
- Multi-language Quick Installation Guide
- CD-ROM (User’s Guide)
- Network cable (1.5 m/5 ft.)
- Power adapter (12 V DC, 2 A)

*For maximum performance of up to 1.3 Gbps use with a 1.3 Gbps 802.11ac wireless client.

**Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions.