AX5400 Dual Band WiFi 6 PoE+ Access Point

TEW-925DAP (v1.0R)

- High performance AX5400 PoE+ access point
- AX5400 Dual Band: 4804Mbps (5GHz) + 573Mbps (2.4GHz) bands
- Two concurrent WiFi bands maximize device networking speeds
- OFDMA and MU-MIMO technology boosts performance in a busy environment
- Access Point and Repeater modes
- Supports up to WPA3 encryption
- Optional cloud management with TRENDnet Hive (Additional fee applies)
- 1 x 2.5GBASE-T PoE+ LAN port
- Low-profile blends into most environments
- Includes wall / ceiling mounting plate
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's high-performance AX5400 Dual Band WiFi 6 PoE+ Access Point, model TEW-925DAP, features two concurrent WiFi bands to maximize networking speeds with the latest WiFi 6 technology. The two separate high-speed WiFi 6 bands provide speeds up to 4804Mbps on the 5GHz band and 573Mbps on the 2.4GHz band. The WiFi 6 access point also supports Access Point (AP) and Repeater modes.

Faster speeds are possible on this WiFi 6 access point with 1024-QAM, OFDMA, and MU-MIMO technologies. MU-MIMO technology processes multiple data streams simultaneously, increasing real-time WiFi performance when multiple devices access the network. The wireless access point features access control, bandwidth control, and band steering. The low-profile housing design blends into most environments, and includes a convenient wall / ceiling mounting plate.

Easily manage and configure TRENDnet's AX5400 Dual Band WiFi 6 PoE+ Access Point remotely by updating the access point to the latest firmware for access to TRENDnet Hive. TRENDnet Hive is a remote network cloud manager that reduces management time and cost. No additional hardware, server, or personal cloud is required on this WiFI 6 access point with TRENDnet's reliable cloud service.

AX5400 WiFi 6

Two concurrent high-speed WiFi 6 bands to maximize device networking speeds: 4804Mbps on 5GHz and 573Mbps on 2.4GHz.

Power over Ethernet (PoE+)

Saves installation time and setup costs with 2.5GbE PoE+ support, delivering power and data over one set of cables.

Built For Busy Environments

MU-MIMO technology processes multiple data streams simultaneously, increasing real-time WiFi performance when multiple devices access the network.

FEATURES

Concurrent Dual Band

AX5400: concurrent 4804Mbps on 5GHz band + 573Mbps on 2.4GHz band

Power over Ethernet (PoE+)

Saves installation time and setup costs with 2.5GbE PoE+ support

WiFi Operation Modes

The 802.11ax access points supports Access Point (AP and Repeater modes

Hive Enabled (Optional)

Remotely monitor, manage, configure, and diagnose this WiFi 6 access point via TRENDnet's cloud service (Additional fee applies)

Band Steering

Band steering alleviates network congestion by automatically directing wireless devices from the 2.4GHz band to the 5GHz band

WiFi Traffic Shaping

Manage traffic allocation on the WiFi 6 access point per SSID for each band separately

Encrypted Wireless

Support for wireless encryption of up to WPA3

Multiple SSIDs

Create up to 8 SSIDs per band (16 total)

2.5GBASE-T PoE+ Port

2.5GBASE-T PoE+ LAN port maintains a high-performance connection to the wired network

LED Control

LED control on the WiFi 6 access point reduces product visibility by disabling the LED indicator

Low Profile

Low-profile housing design blends into most environments

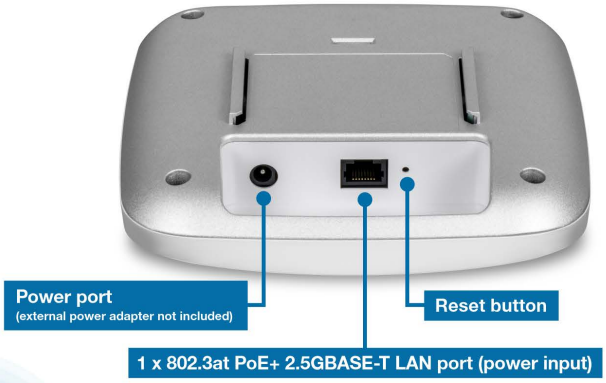
MU-MIMO & OFDMA Performance

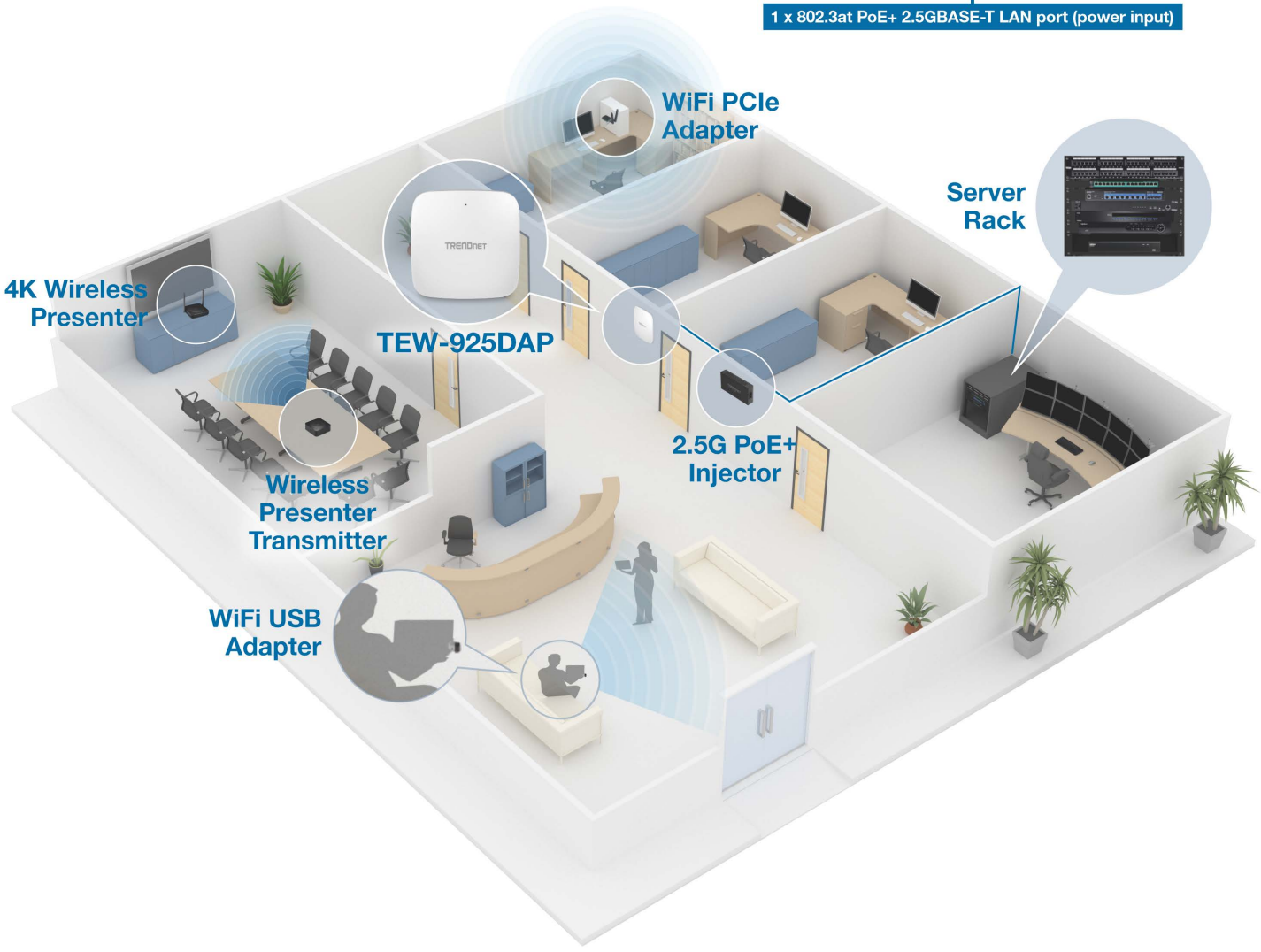
MU-MIMO technology enables the WiFi 6 access point to process multiple data streams simultaneously along with WiFi 6 OFDMA technology to increase real-time WiFi performance

Mounting Plate

The WiFi 6 access points includes a wall / ceiling mounting plate


LED indicator
TRENDnET


Power port
(external power adapter not included)
Reset button
1 x 802.3at PoE+ 2.5GBASE-T LAN port (power input)


WiFi PCIe Adapter
Server Rack
4K Wireless Presenter
TEW-925DAP
2.5G PoE+ Injector
Wireless Presenter Transmitter
WiFi USB Adapter

SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3at
- IEEE 802.3bz
- IEEE 802.1Q
- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11k**
- IEEE 802.11n (up to 300Mbps)*
- IEEE 802.11r**
- IEEE 802.11v
- IEEE 802.11ac (up to 1733Mbps)*
- IEEE 802.11ax (up to 4804Mbps on 5GHz, up to 573Mbps on 2.4GHz)*

Hardware Interface

- 1 x 802.3at PoE+ 2.5GBASE-T LAN port (power input)
- Power port (external power adapter not included)
- LED indicator
- Reset button

Features

- MU-MIMO
- Band steering
- 802.1Q VLAN assignment per SSID
- IPv4 static/DHCP address assignment
- UPnP/Bonjour

Operation Modes

- Access Point
- Repeater

Management/Monitoring

- Web based management (HTTP/HTTPS)
- Command Line Interface (Telnet/SSH)
- SNMP v2c/v3
- Spanning Tree Protocol (STP)
- Event logging
- Ping test
- Traceroute
- Schedule WiFi radio enable/disable
- Ping watchdog/gateway connection monitor
- Reboot & scheduled automatic reboot
- Channel utilization scan

Access Control

- Wireless encryption: WPA2/WPA3-RADIUS (Enterprise), WPA2/WPA3-PSK (Personal)
- MAC filter with scheduling
- Maximum client limit
- Client isolation

QoS

- Bandwidth control per SSID

SSID

- Up to 8 SSIDs per wireless band (16 total)

Frequency

- 2.4GHz: 2.412 – 2.462GHz
- 5GHz: 5.150 – 5.250GHz, 5.745 – 5.825GHz

Wireless Channels

- 2.4GHz: FCC: 1–11
- 5GHz: FCC: 36, 40, 44, 48, 149, 153, 157, 161 and 165

Modulation

- DBPSK/DQPSK/CCK for DSSS technique
- BPSK/QPSK/16-QAM/64-QAM/256-QAM/1024-QAM for OFDM/OFDMA technique

Antenna Gain

- 2.4GHz: 2 x 4.5 dBi internal
- 5GHz: 2 x 5 dBi internal

Receiving Sensitivity

- 802.11a: -69 dBm (typical) @ 54Mbps
- 802.11b: -84 dBm (typical) @ 11Mbps
- 802.11g: -71 dBm (typical) @ 54Mbps
- 802.11n (2.4 GHz): -67 dBm (typical) @ 300Mbps
- 802.11n (5 GHz): -58 dBm (typical) @ 300Mbps
- 802.11ac: -57 dBm (typical) @ 1733Mbps
- 802.11ax (2.4GHz): -54 dBm (typical) @ 573Mbps
- 802.11ax (5GHz): -52 dBm (typical) @ 4804Mbps

Power

- IEEE 802.3at Type 2 PoE+ PD Class 4
- Input: 100 - 240V AC, 50/60Hz,
- Max. consumption: 18W

Operating Temperature

- 0° – 40° C (32° – 104° F)

Operating Humidity

- Max. 90% non-condensing

Certifications

- FCC

Dimensions

- 160 x 160 x 30mm (6.3 x 6.3 x 1.18 in.)

Weight

- 600g (21.16 oz.)

Warranty:

- 3 year

Package Contents

- TEW-925DAP
- Quick Installation Guide
- Network cable (0.5 m/1.64 ft.)
- Mounting plates

Hive Cloud Management

- Configure, monitor, and manage through the TRENDnet Hive Cloud Management Portal remotely via PC or Mac web browser, or through the mobile app
- Multi-device management
- Provisioning through scheduled batch firmware or configuration updates for multiple switches
- Event/hardware network monitoring (CPU/memory utilization)
- Configure features such as IP address settings, WiFi settings, operation modes, and LED control through cloud management

Wireless Output Power

- 802.11b/g/n/ac/ax (2.4GHz): FCC: 21 dBm (max.)
- 802.11a/n/ac/ax (5GHz): FCC: 27 dBm (max.)

*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. For maximum performance of up to 867Mbps use with an 867Mbps 802.11ac wireless adapter. For maximum performance of up to 300Mbps, use with a 300Mbps 802.11n wireless adapter. For maximum performance of up to 4804Mbps use with a 4804Mbps 802.11ax 5GHz wireless adapter. For maximum performance of up to 573Mbps use with a 573Mbps 802.11ax 2.4GHz wireless adapter. Multi-User MIMO (MU-MIMO) requires the use of multiple MU-MIMO enabled wireless adapters.

**Feature reserved for use when device is managed by TRENDnet Hive.

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

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