deco™ | Outdoor/Indoor Mesh Wi-Fi

PoE

Wi-Fi 6

AX3000 Outdoor/Indoor Mesh Wi-Fi 6 Unit



Pole Mount

Wall Mount

Tabletop

- AX3000 Dual-Band Wi-Fi 6†
- IP65 Waterproof & Dustproof
- PoE/AC Power Supply
- Works with All Deco Models

works with Google Home

Compatible with amazon alexa

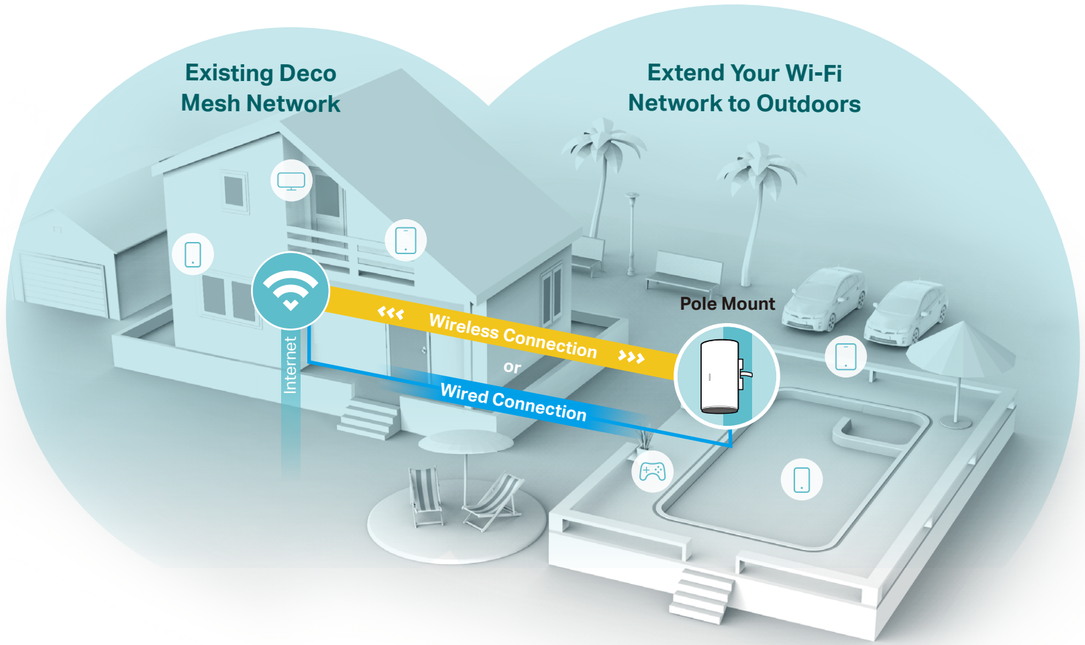
HomeShield

Deco X50-Outdoor



tp-link

Highlights



Outdoor/Indoor Whole Home Mesh Wi-Fi

Ideal for Fast Outdoor Wi-Fi

Deco X50-Outdoor features a weatherproof enclosure and solid operating temperature, enabling strong Wi-Fi signals outside. Flexible installation and power supply make it even easier for outdoor use.

- IP65 Waterproof & Dustproof
- Great Operating Temperature Range
- Multiple Installation Options
- Supports PoE for Easy Power Supply

Seamless AI-Driven Mesh

Deco Mesh forms a unified network with built-in AI-Roaming technology to create the ideal Wi-Fi solution for your home. Walk to any room and enjoy seamless streaming at the fastest possible speeds.‡

- Seamless Roaming with One Wi-Fi Name
- Sophisticated Algorithms
- Self-Learning Capability
- Customizable Wi-Fi

Enhanced Security – HomeShield

Manage online time and block inappropriate content to keep your family safe online with Parental Controls. Quality of Service and Network Protection further keep your home network smooth and secure.*

- Network Protection
- Parental Controls
- Quality of Service (QoS)
- Comprehensive Reports

Features

Wi-Fi Speed

Faster Wi-Fi speed with stronger whole home Wi-Fi generated from Wi-Fi 6

- Superior Wireless Speed – Combines wireless speeds up to 2402 Mbps on 5 GHz , and 574 Mbps on 2.4 GHz
- More Devices Connected – Connects over 150 devices†

TP-Link HomeShield

TP-Link's premium security services keep your home network safe with cutting-edge features for network and IoT protection.*

- Network Protection – Detects cyber threats to keep your privacy and connected devices well protected
- Parental Controls – Manages online time and blocks inappropriate content to keep families healthy online
- Quality of Service (QoS) – Prioritizes your bandwidth needs to get a faster networking experience
- Comprehensive Reports– Gains full statistics and insights to help you know your home network better

Note: HomeShield includes the Free Basic Plan. Fees apply for the Pro Plan.
Visit https://www.tp-link/homeshield for more information.

Easy Setup by Deco App

Easily set up Decos and find the ideal spot to place each unit

- Auto Connection Test – Tests the internet connection of your Decos and helps to identify a suitable location for them
- Remote Management – Manages your Deco network from a smartphone or tablet via the app, no matter where you find yourself
- Online Upgrade – Keeps informed of the latest firmware updates

Security

Safeguard your home network with a firewall and wireless encryption

- Encryption for Secure Network – WPA/WPA2/WPA3 encryptions provide active protection against security threats
- Firewall – Protects your network devices from malicious attacks
- Block List – Add specific devices to block list to protect your network from unauthorized users

Two Modes in One

Choose Wireless Router mode or Access Point mode for your network needs

- Wireless Router Mode – Creates an instant private wireless network
- Access Point Mode – Creates Wi-Fi access for any existing wired network

Work with All Deco Models

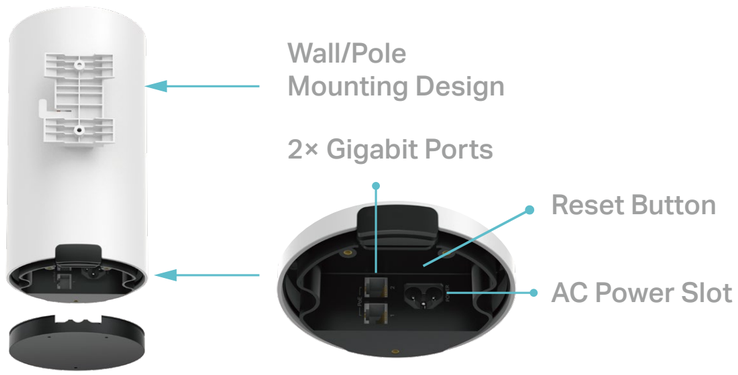
Form a Mesh network with your desired Deco models

- Compatible with All Deco Models – All Deco models can work together. Just expand Mesh Wi-Fi coverage anytime by adding more Decos
- Deco Mesh Technology – Eliminates dead zones and provides uninterrupted WiFi throughout your home

Specifications

Hardware

- Ethernet Port: 2 × Gigabit ports per Deco unit (PoE and WAN/LAN auto-sensing)
- Button: 1 Reset button
- Durable IP65 Weatherproof Enclosure
- Antenna: 2 × dual-band antennas
- Power Consumption : 15.5 W max (EU), 17 W max (US)
- Dimensions (W × D × H): 4.3 × 4.8 × 8.5 in (110 × 121.3 × 215.5 mm)
- Power Input: IEEE 802.3at PoE or 100-240V~50/60Hz 0.5A AC



Wireless

- Wireless Standards: IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz
- Mesh protocol: 802.11k/v/r
- Frequency: 2.4 GHz and 5 GHz
- Signal Rate: 2402 Mbps on 5 GHz + 574 Mbps on 2.4 GHz[†]
- Transmit Power: FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz)

  CE: <20 dBm (2.4 GHz), <30 dBm (5 GHz)
- Wireless Security: WPA/WPA2/WPA3

Software

- Working Mode: Router, Access Point
- WAN Type: Dynamic IP/Static IP/PPPoE/L2TP/PPTP
- DHCP: Server
- Protocols: Supports IPv4 and IPv6
- Guest Network: 2.4 GHz Guest Network×1, 5 GHz Guest Network×1
- Features: TP-Link HomeShield, AI-Driven Mesh, BSS Color, OFDMA, 1024-QAM, MU-MIMO, Optional Ethernet Backhaul, Assisted Setup, Address Reservation, Port Forwarding, TP-Link DDNS, IPTV, IPv6, Firewall Rules, LED Control
- Management: Local Management; Remote Management; Multi-Managers

Others

- Certification: CE, FCC, RoHS
- Environment:

  Operating Temperature: -30°C~60°C (-22°F~140°F)

  Storage Temperature: -40°C~70°C (-40 °F~158 °F)

  Operating Humidity: 10%~90% RH

  Storage Humidity: 5%~90% RH
- Package Contents for Deco X50-Outdoor (1-pack):

  1 × Deco X50-Outdoor unit

  1 × AC Power Cord

  1 × RJ45 Ethernet cable

  Wall/Pole Mounting Kit

  Installation Guide

Attention: In EU member states, EFTA countries, and Northern Ireland, operation in the frequency range 5150 MHz – 5350 MHz is only permitted indoors.

Attention: In Great Britain, operation in the frequency range 5150 MHz – 5350 MHz is only permitted indoors.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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[†]Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput, wireless coverage, and quantity of connected devices are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

[‡]Clients need to support 802.11k/v/r and may require additional setup. Performance may vary depending on the client device.

[^]Use of Wi-Fi 6 and other features including OFDMA, MU-MIMO, 1024-QAM, and BSS Color requires clients to also support the corresponding features. The 160 MHz bandwidth may be unavailable in the 5 GHz band in some regions/countries due to regulatory restrictions.

[*]HomeShield includes the Free Basic Plan. Fees apply for the Pro Plan. Visit tp-link.com/homeshield for more information.

[**]Wi-Fi generations represent the wireless standard IEEE 802.11 a/b/n/ac/ax.