

## SECURITY

|                  |                                                                                                                                                                                                         |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network Security | SPI Firewall<br>Access Control<br><br><b>HomeShield Security</b><br>Real-Time IoT Protection<br>Malicious Site Blocker<br>Intrusion Prevention System<br>DDoS Attack Prevention<br>Home Network Scanner |
| Guest Network    | 1× 5 GHz Guest Network<br>1× 2.4 GHz Guest Network                                                                                                                                                      |
| Wi-Fi Security   | WPA/WPA2/WPA3                                                                                                                                                                                           |

## WIRELESS

|               |                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards     | <b>Wi-Fi 6</b><br>IEEE 802.11ax/ac/n/a 5 GHz<br>IEEE 802.11ax/n/b/g 2.4 GHz                                                                                                                                                                                                                                                                                                                         |
| WiFi Speeds   | <b>AX3000</b><br>5 GHz: 2402 Mbps (802.11ax)<br>2.4 GHz: 574Mbps (802.11ax)                                                                                                                                                                                                                                                                                                                         |
| WiFi Range    | <b>1-3 Bedroom Houses (1-pack)</b><br>TP-Link Mesh Technology<br>Optional Ethernet backhaul work together to link Deco units to provide seamless coverage<br><br>AI-Driven Mesh<br>Intelligently learns the network environment to provide ideal Wi-Fi unique to your home<br><br>2× Antennas (Internal)<br>Multiple antennas form a signal-boosting array to cover more directions and large areas |
| WiFi Capacity | <b>High</b><br>Dual-Band<br>Distribute devices to different bands for optimal performance<br><br>MU-MIMO<br>Simultaneously communicates with multiple MU-MIMO clients                                                                                                                                                                                                                               |

## WIRELESS

## OFDMA

Simultaneously communicates with multiple WiFi 6 clients

## 4 Streams

More than enough bandwidth for connected devices

## Working Modes

Router, Access Point

## HARDWARE

## Ethernet Ports

2 × Gigabit ports per Deco unit  
(PoE and WAN/LAN auto-sensing)

## Power

**Power Input**

IEEE 802.3at PoE or 100-240V~50/60Hz 0.5A AC

## SOFTWARE

## Protocols

IPv4

IPv6

## Service Kit

HomeShield

[Learn More>](#)

## Parental Controls

**HomeShield Parental Controls**

Youtube Restriction

SafeSearch

Custom Profiles

Professional Content Filter Library

Family Time

Bedtime

Off Time

Time Rewards

Family Online Time Ranking

Pause the Internet

Weekly and Monthly Reports

## WAN Types

Dynamic IP

Static IP

PPPoE

L2TP

PPTP

## Quality of Service

**HomeShield QoS**

QoS by Device

## SOFTWARE

|                |                                                   |
|----------------|---------------------------------------------------|
| Cloud Service  | OTA Firmware Upgrade<br>TP-Link ID<br>DDNS        |
| NAT Forwarding | Port Forwarding<br>UPnP                           |
| IPTV           | IGMP Proxy<br>IGMP Snooping<br>Bridge<br>Tag VLAN |
| DHCP           | Address Reservation<br>DHCP Client List<br>Server |
| DDNS           | TP-Link                                           |
| Management     | Deco App                                          |

## TEST DATA

|                         |                                                                                 |
|-------------------------|---------------------------------------------------------------------------------|
| WiFi Transmission Power | FCC: <30 dBm(2.4 GHz), <30 dBm(5 GHz)<br>CE: <20 dBm (2.4 GHz), <30 dBm (5 GHz) |
|-------------------------|---------------------------------------------------------------------------------|

## PHYSICAL

|                    |                                             |
|--------------------|---------------------------------------------|
| Dimensions (W×D×H) | 4.3 × 4.8 × 8.5 in (110 × 121.3 × 215.5 mm) |
|--------------------|---------------------------------------------|

## OTHERS

|                  |                                                                                                                                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certification    | CE, FCC, RoHS                                                                                                                                                       |
| Package Contents | 1 × Deco X50-Outdoor unit<br>1 × AC Power Cord<br>1 × RJ45 Ethernet cable<br>Wall/Pole Mounting Kit<br>Installation Guide                                           |
| Environment      | Operating Temperature: -30°C~60°C (-22°F~140°F)<br>Storage Temperature: -40°C~70°C (-40 °F~158 °F)<br>Operating Humidity: 10%~90% RH<br>Storage Humidity: 5%~90% RH |

For additional version information, please go to the support page.