

WI-FI 7 ACCESS POINTS

Wi-Fi 7 Access Points

Two Wi-Fi 7 access points built to pair with every Hermes SD-WAN edge: a 2×2 wall-mount AP that also stands on a desk, and a tri-band ceiling AP for busy spaces. Plug them in and they configure themselves.



Wall-Mount / Desktop AP
DUAL BAND · 2×2 MIMO · BE5000



Ceiling-Mount AP
TRI BAND · 10G UPLINK · BE11000

Wi-Fi₇

802.11be with Multi-Link Operation and MRU

11 Gbps

Up to BE11000 on the tri-band ceiling AP

0 config

Plug-and-play with every Hermes SD-WAN model

3 mounts

Ceiling, wall plate or desktop stand

Wi-Fi that is part of the edge, not another box to manage

Hermes keeps the SD-WAN appliance simple: it has no radios inside. Wi-Fi comes from dedicated Wi-Fi 7 access points, placed where people actually sit, and managed by the same edge and the same console.

Connect an AP to any Hermes SD-WAN AI Edge, or to a switch behind one, and it is discovered, adopted and configured automatically. SSIDs, VLANs, guest isolation and security policy are inherited from the site, so a new AP is serving clients minutes after it is powered on.

1

Plug in

Connect the AP to a Hermes edge port or a switch behind it. PoE powers it on the same cable.

2

Discovered

The edge finds the AP and adopts it into the site in the Hermes Orchestrator.

3

Configured

SSIDs, VLANs, guest isolation and QoS are pushed from the site profile.

4

Managed

Clients, roaming, firmware and alerts sit in the same console as SD-WAN.

Works with every Hermes SD-WAN model

	SD-WAN AI EDGE DESKTOP	SD-WAN AI EDGE 24P
Wall-Mount / Desktop AP	Plug-and-play	Plug-and-play
Ceiling-Mount AP	Plug-and-play	Plug-and-play · PoE+ from the switch
Power source	PoE injector or DC adapter	802.3at port (ceiling AP); injector for the wall AP



One policy, wired and wireless

The same VLANs and segmentation apply on the AP and on the wire, so POS, staff, guests and IoT never mix.



Security at the edge

Wireless traffic passes the SD-WAN edge's firewall and IDS / IPS before it reaches the WAN.



Experience, end to end

See a slow client, the AP it is on and the WAN link it uses in one view, and fix the right thing.

Typical deployments

Hotels & housing

A wall AP in every room, ceiling APs in lobbies and halls.

Restaurants & retail

Guest Wi-Fi isolated from POS on the same edge.

Offices & clinics

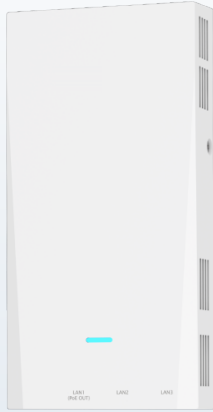
Desktop APs at reception, ceiling APs over open floors.

Schools & venues

Tri-band ceiling APs for hundreds of devices per room.

Two form factors. One platform.

Use the wall-mount / desktop AP where people sit in one room, and the ceiling AP where many people share an open space. Mix both on one site; they are managed together.



Wall-Mount / Desktop AP

ROOMS, DESKS, RECEPTION COUNTERS

Wi-Fi	Dual band, BE5000
MIMO	2×2 on 2.4 GHz + 2×2 on 5 GHz
Max rate	688 + 4,323 Mbps
Wired ports	2.5G uplink + 3 × 2.5G LAN
PoE	802.3bt in · 802.3at out on LAN1
IoT	BLE; Zigbee by SKU
Mounting	Over the socket, wall, desktop stand



Ceiling-Mount AP

LOBBIES, OPEN FLOORS, CLASSROOMS, HALLS

Wi-Fi	Tri band, BE11000
MIMO	2×2 on each of 2.4, 5 and 6 GHz
Max rate	688 + 4,323 + 5,764 Mbps
Wired ports	1 × 10G RJ45 uplink (1 / 2.5 / 10G)
PoE	802.3at in, or 12 V / 2.5 A DC
Channels	Up to 320 MHz on 6 GHz
Mounting	Ceiling or T-bar, bracket included



MLO & MRU

Multi-Link Operation uses two bands at once; Multi-RU puncturing keeps channels usable in crowded RF.



AI roaming

Clients are steered to the best AP and band as they move, across both models.



Secure boot, dual image

Signed firmware with rollback, updated from the Orchestrator on your schedule.

Every room is its own network

Hotel rooms, dorms, wards and branch offices need strong Wi-Fi and a few wired ports right where people sit. The Hermes Wall-Mount AP delivers both from one slim plate on the wall, or from the desk on its stand.

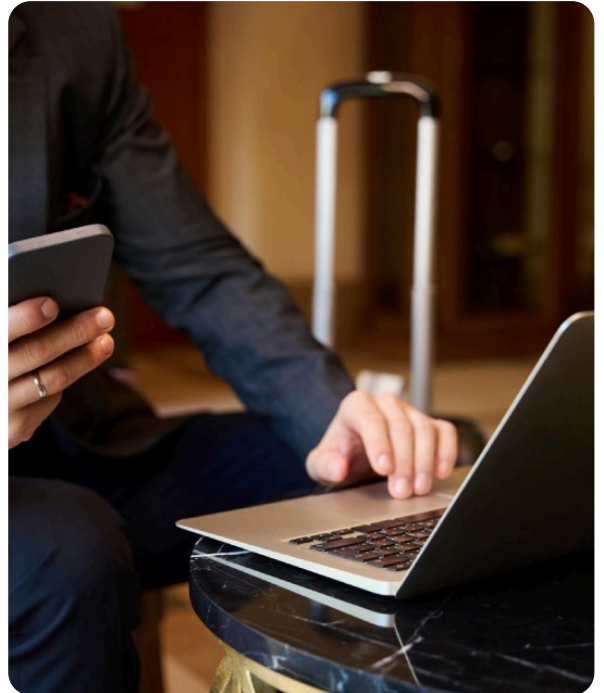
Its two 2x2 MIMO radios serve 2.4 and 5 GHz at the same time, and Wi-Fi 7 Multi-Link Operation lets phones and laptops use both at once. Three 2.5G LAN ports connect TVs, IP phones and set-top boxes, and LAN1 powers an in-room device over PoE. BLE (plus Zigbee by SKU) makes each AP a gateway for sensors, locks and tags.

688 Mbps

2.4 GHz · 2x2 · 40 MHz

4,323 Mbps

5 GHz · 2x2 · 240 MHz



Built-in 2.5G switch

A 2.5G uplink and three 2.5G LAN ports bring wired speed to the devices in the room.



PoE in and PoE out

Powered by 802.3bt on the uplink; passes 802.3at out on LAN1 to a phone or camera.



IoT gateway

BLE built in, Zigbee by SKU, for occupancy sensors, smart locks, beacons and asset tags.

THREE WAYS TO INSTALL



Over the socket

Covers an existing wall network outlet, no new cabling.



Wall mount

Bracket screws to any wall; the cable runs inside.



Desktop stand

Turns the AP into a tabletop unit for desks and reception counters.

Three bands. One 10G pipe.

Lobbies, classrooms, open-plan floors and halls put hundreds of devices under one ceiling. The tri-band ceiling AP gives each of them clean spectrum and enough backhaul to use it.

The 6 GHz radio runs 320 MHz channels in spectrum legacy devices cannot reach, while 2.4 and 5 GHz serve everything else. A 10G uplink makes sure the wire is never the bottleneck, and one cable from a Hermes 24P carries both data and PoE+.


688 Mbps

2.4 GHz · 2×2 · 40 MHz


4,323 Mbps

5 GHz · 2×2 · 240 MHz


5,764 Mbps

6 GHz · 2×2 · 320 MHz



Tri-band, tri-concurrent

Three 2×2 radios serve 2.4, 5 and 6 GHz clients at the same time with MU-MIMO.



10G Ethernet uplink

Auto-sensing 1 / 2.5 / 10 Gbps RJ45 runs at full speed on today's and tomorrow's cabling.



Flexible power

802.3at PoE+ from a Hermes 24P, or a local 12 V / 2.5 A DC supply.



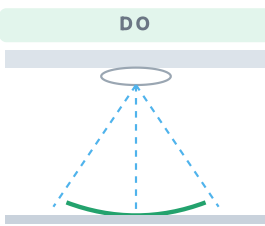
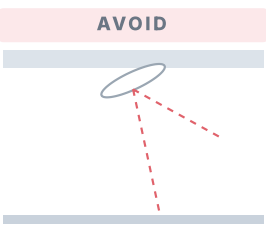
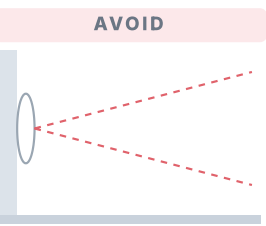
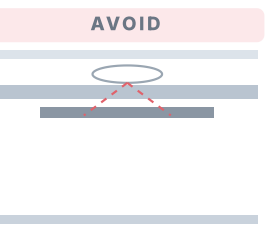
Clean ceiling install

- ✓ Low-profile disc with six integrated antennas
- ✓ Finned aluminium back for silent, passive cooling
- ✓ One cable: data and PoE+ on a single RJ45
- ✓ Bracket for flat ceilings and T-bar grids
- ✓ Status LED you can dim or switch off per site

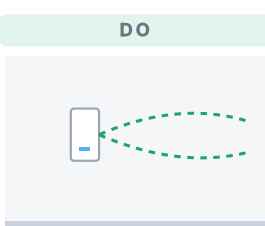
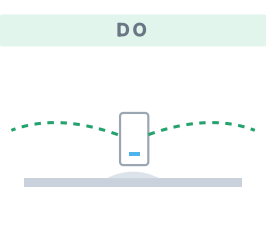
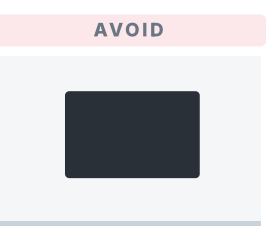
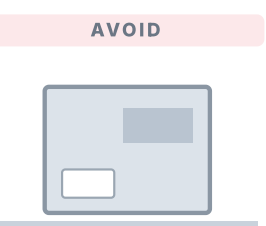
Mount it right, get every megabit

Both APs use antennas designed for one orientation. A ceiling AP mounted at an angle, on a wall or above the tiles sends much of its signal where nobody is, and coverage and speed drop sharply.

CEILING-MOUNT AP

 DO Flat, facing the floor Parallel to the floor, centred over the area it serves.	 AVOID Tilted or angled Even 20–30° sends the main lobe into walls and the ceiling.	 AVOID On a wall The ceiling AP radiates downward; sideways it covers half a room.	 AVOID Above tiles or near metal Tiles, ducts, light fittings and beams absorb and reflect signal.
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WALL-MOUNT / DESKTOP AP

 DO Upright on the wall Front facing into the room, ideally over the network socket.	 DO On its stand, in the open Upright on the desk or counter, clear of screens and clutter.	 AVOID Behind a TV or mirror Screens, mirrors and metal furniture block and reflect signal.	 AVOID Lying flat or in a cabinet Closed cabinets and a flat position cut range and speed.
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Ceiling AP checklist

- ✓ Mount flat on the ceiling or T-bar, face toward the floor
- ✓ 2.5–4.5 m mounting height for most rooms
- ✓ At least 1 m from metal ducts, beams and light fittings
- ✓ About 10–15 m between APs in open areas; tighter for high density
- ✓ Keep line of sight to the area served, not behind walls

Wall-Mount / Desktop AP checklist

- ✓ Mount upright on the wall, front facing into the room
- ✓ Over the room's network socket where possible
- ✓ Not behind TVs, mirrors, metal furniture or inside cabinets
- ✓ On a desk, use the stand and keep it upright and in the open
- ✓ One AP per room for hotels, dorms and wards



An incorrect ceiling-mount angle reduces Wi-Fi performance. If the ceiling slopes, use a level bracket so the AP stays parallel to the floor. Follow the installation guide supplied with the bracket; Hermes can provide a site survey and placement plan with every deployment.

Technical specifications

	WALL-MOUNT / DESKTOP AP	CEILING-MOUNT AP
Standard	IEEE 802.11be (Wi-Fi 7), backward compatible with 802.11a/b/g/n/ac/ax	
Bands	Dual band: 2.4 + 5 GHz	Tri band: 2.4 + 5 + 6 GHz
Radios / MIMO	2×2 + 2×2, MU-MIMO	2×2 + 2×2 + 2×2, MU-MIMO
Max PHY rate	BE5000: 688 Mbps (40 MHz) + 4,323 Mbps (240 MHz)	BE11000: 688 + 4,323 + 5,764 Mbps (320 MHz)
Wi-Fi 7 features	MLO, MRU, AI roaming, AI QoE	MLO, MRU, AI roaming
Antennas	3 integrated: 4 dBi 2.4 GHz · 5 dBi 5 GHz · 1.78 dBi6 BLE	integrated: 4 dBi 2.4 GHz · 5 dBi 5 GHz · 5 dBi 6 GHz
IoT radios	Bluetooth Low Energy; Zigbee by SKU	None
Uplink	1 × RJ45 2.5GBASE-T, PoE-PD 802.3bt	1 × RJ45, 1 / 2.5 / 10 Gbps auto-sensing
LAN	3 × RJ45 2.5GBASE-T; PoE-PSE 802.3at on LAN1	None
Power	802.3bt PoE	802.3at PoE+, or 12 V / 2.5 A DC
SD-WAN pairing	Plug-and-play with every Hermes SD-WAN AI Edge model (Desktop and 24P); zero-touch adoption, inherited SSIDs, VLANs and policy	
Management	Hermes Orchestrator (cloud), local web UI, secure boot, dual firmware images	
Mounting	Over-the-socket plate, wall bracket, optional desktop stand	Ceiling or T-bar, bracket included
Weight	330 g · 400 g with bracket	900 g · 1,000 g with bracket
Operating	0 to 40 °C · 10–90 % RH non-condensing	
Storage	–40 to 70 °C · 5–90 % RH non-condensing	

Wi-Fi 7, plugged into your edge.

Talk to our team about pilots, volume pricing and NaaS bundles for the Hermes Network Wi-Fi 7 Access Points.



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