

WI-FI 7 ACCESS POINT

Ceiling-Mount AP

Tri-Band Wi-Fi 7

A tri-band Wi-Fi 7 access point with a 10G uplink for high-density spaces. Concurrent 2.4, 5 and 6 GHz radios and Multi-Link Operation deliver up to 11 Gbps of wireless capacity from a sleek, low-profile ceiling disc.



11 Gbps

BE11000 aggregate across 2.4, 5 and 6 GHz

3 × 2×2

Tri-band, tri-concurrent radios with MU-MIMO

320 MHz

6 GHz channels at up to 5,764 Mbps

10G uplink

RJ45 with 1 / 2.5 / 10 Gbps auto-sensing

Three bands. One 10G pipe.

Lobbies, classrooms, open-plan floors and conference halls put hundreds of devices on one ceiling. The Hermes Tri-Band Ceiling-Mount AP gives each of them clean spectrum and enough backhaul to use it.

The 6 GHz radio runs 320 MHz channels in spectrum that legacy devices cannot reach, while 2.4 and 5 GHz serve everything else. Wi-Fi 7 Multi-Link Operation lets capable clients aggregate bands for higher speed and lower latency. A 10G uplink makes sure the wire is never the bottleneck.



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 simultaneously with MU-MIMO.



MLO & MRU

Multi-Link Operation and Multi-RU puncturing keep throughput high and latency low when RF gets busy.



10G Ethernet uplink

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



AI roaming

Clients are steered to the best AP and band as they move through the building.



Flexible power

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



Secure & cloud-managed

Secure boot and dual images; zero-touch setup and identity-aware SSIDs from the Hermes Orchestrator.



Clean ceiling install

- ✓ Low-profile disc with six integrated antennas
- ✓ Finned aluminium heat-sink back for passive cooling
- ✓ Single cable: data and PoE+ on one RJ45
- ✓ Bracket for ceiling or T-bar mounting

Technical specifications

WIRELESS

Standard	IEEE 802.11be (Wi-Fi 7), backward compatible with 802.11a/b/g/n/ac/ax
Radios	2.4 GHz 2×2 + 5 GHz 2×2 + 6 GHz 2×2, tri-band tri-concurrent, MU-MIMO
2.4 GHz rate	688 Mbps (2SS, 40 MHz)
5 GHz rate	4,323 Mbps (2SS, 240 MHz)
6 GHz rate	5,764 Mbps (2SS, 320 MHz)
Wi-Fi 7 features	MLO, MRU, AI roaming
Antennas	6 integrated · 4 dBi 2.4 GHz · 5 dBi 5 GHz · 5 dBi 6 GHz

INTERFACES & POWER

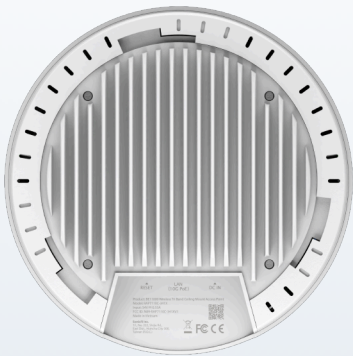
Uplink	1 × RJ45, 1 / 2.5 / 10 Gbps auto-sensing
Power	PoE 802.3at, or 12 V / 2.5 A DC

SYSTEM & MANAGEMENT

Firmware	Dual image, secure boot
Management	Hermes Orchestrator (cloud), local web UI, zero-touch provisioning

PHYSICAL & ENVIRONMENTAL

Mounting	Indoor ceiling, bracket included
Weight	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



Pairs with the Hermes edge

Power and connect the AP from a Hermes SD-WAN AI Edge 24P: one 802.3at port per AP, SFP+ uplinks to the core, and the same Orchestrator for switching, Wi-Fi and SD-WAN policy.

Wi-Fi 7 for your busiest spaces.

Talk to our team about pilots, volume pricing and NaaS bundles for the Hermes Network Wi-Fi 7 Tri-Band Ceiling-Mount AP.



CALL US
1-866-818-6006



EMAIL
info@hermesnetwork.cloud



NETWORK-AS-A-SERVICE
hermesnetwork.cloud